Analyte: PFPeA (262.8 / 218.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \hline \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.420 \mathrm{e}+04$ | 9.29 | 0.0250 | 0.0235 |
| L2 | Standard | $8.409 \mathrm{e}+04$ | 9.29 | 0.1250 | 0.1281 |
| L3 | Standard | 3.792e+05 | 9.29 | 0.5000 | 0.5103 |
| L4 | Standard | $1.821 \mathrm{e}+06$ | 9.30 | 2.5000 | 2.5363 |
| L5 | Standard | $5.527 \mathrm{e}+06$ | 9.30 | 7.5000 | 7.6096 |
| L6 | Standard | $1.046 \mathrm{e}+07$ | 9.29 | 15.0000 | 14.5569 |
| L7 | Standard | $1.553 \mathrm{e}+07$ | 9.29 | 20.0000 | 20.2852 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $8.184 \mathrm{e}+05$ | 9.28 | N/A | 1.5839 |
| PB | Unknown | $1.273 \mathrm{e}+06$ | 9.28 | N/A | 2.4546 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | N/A | N/A | N/A | N/A |
| Ped-B | Unknown | $5.059 \mathrm{e}+05$ | 9.27 | N/A | 3.3640 |
| Ped-S | Unknown | $3.757 \mathrm{e}+05$ | 9.27 | N/A | 2.1479 |
| Mara-B | Unknown | $1.190 \mathrm{e}+04$ | 9.56 | N/A | 0.0776 |
| Mara-S | Unknown | $9.465 \mathrm{e}+05$ | 9.25 | N/A | 7.4852 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $3.644 \mathrm{e}+05$ | 9.29 | N/A | 0.5375 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $3.889 \mathrm{e}+05$ | 9.29 | N/A | 0.5138 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.183 \mathrm{e}+05$ | 9.28 | N/A | 0.6965 |
| 1 | Unknown | $1.186 \mathrm{e}+06$ | 9.26 | N/A | 2.0290 |
| 2 | Unknown | $5.750 \mathrm{e}+05$ | 9.24 | N/A | 1.7532 |
| 3 | Unknown | $6.414 \mathrm{e}+05$ | 9.26 | N/A | 1.4308 |
| 4 | Unknown | $7.353 \mathrm{e}+05$ | 9.26 | N/A | 1.4359 |
| 5 | Unknown | $5.595 \mathrm{e}+05$ | 9.25 | N/A | 1.7200 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $4.674 \mathrm{e}+05$ | 9.28 | N/A | 0.5033 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | $3.993 \mathrm{e}+05$ | 9.25 | N/A | 1.0574 |
| 8 | Unknown | $5.028 \mathrm{e}+05$ | 9.26 | N/A | 1.4189 |
| 9 | Unknown | $4.784 \mathrm{e}+05$ | 9.26 | N/A | 0.9932 |
| 10 | Unknown | $5.510 \mathrm{e}+04$ | 9.26 | N/A | 0.7342 |
| Avid | Unknown | 5.426e+05 | 9.26 | N/A | 1.2804 |
| Avid-Spike | Unknown | N/A | N/A | N/A | N/A |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| L3-CC3 | Unknown | $5.667 e+05$ | 9.26 | N/A | 0.4829 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |




| PB ${ }^{\text {P }}$ |  |  |  | 9.28 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 9.28 (9.45) min |  |  |  |  |
| [Calculated Conc]: | $1.5839 \mathrm{ng} / \mathrm{ml}$ |  | 8 | $9^{+1}$ | 11 |
| Area: | 818423 |  |  | Time, min |  |
| Area Ratio | 2.10 |  |  |  |  |


| PB |  | 1 e 5 | ${ }^{9,28}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 9.28 (9.45) min |  |  |  |  |
| [Calculated Conc]: | $2.4546 \mathrm{ng} / \mathrm{ml}$ | Oe0 | 8 | $9+10$ |  |
| Area: | 1272528 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 3.26 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |



| Ped-B |  | 5 e 4 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 9.27 (9.45) min |  |  |  |  |
| [Calculated Conc]: | $3.3640 \mathrm{ng} / \mathrm{ml}$ | $0 \mathrm{eO}$ | 8 | 9+10 | 11 |
| Area: | 505850 |  |  | Time, min |  |
| Area Ratio | 4.47 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Ped-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 9.27 (9.45) min |  |  |  |  |
| [Calculated Concl: | $2.1479 \mathrm{ng} / \mathrm{ml}$ |  | 8 | 9 - 10 | 11 |
| Area: | 375721 |  |  | Time, min |  |
| Area Ratio | 2.85 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| Mara-S |  |  | ${ }^{9.25}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 9.25 (9.45) min |  |  |  |  |
| [Calculated | $7.4852 \mathrm{ng} / \mathrm{ml}$ |  | 8 | 9 |  |
| Conc]: |  |  | 8 |  | 11 |
| Area: | 946470 |  |  | Time, min |  |
| Area Ratio | 9.97 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Solvent Bloank3 |  | 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(9.45) \mathrm{min}$ |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  | 8 | $\begin{gathered} 9 \\ \text { Time, } 10 \end{gathered}$ |  |
| Area: | N/A |  |  |  |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |  |
| L3-CC1 |  |  |  | ${ }^{9.29}$ |  |
| RT (Exp. RT): | 9.29 (9.45) min |  |  |  |  |
| [Calculated | $0.5375 \mathrm{ng} / \mathrm{ml}$ |  |  | $\bigcirc$ |  |
| Conc]: |  |  | 8 | $9 \cdot 10$ |  |
| Area: | 364400 |  |  | Time, min |  |
| Area Ratio Sample Type: | 0.71 (Unknown) |  |  |  |  |



SCIEX


| 4 |  |  |  | ${ }^{9.26}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 9.26 (9.45) min |  |  |  |  |
| [Calculated Conc]: | $1.4359 \mathrm{ng} / \mathrm{ml}$ |  | 8 | $9+10$ | 11 |
| Area: | 735254 |  |  | Time, min |  |
| Area Ratio | 1.90 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| Solvent Blank 5 |  | 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (9.45) min N/A ng/ml |  |  |  |  |
| [Calculated Concl: |  |  | 8 | $\begin{gathered} 9 \\ \text { Time, } 10 \end{gathered}$ |  |
| Area: | N/A |  |  |  |  |
| Area Ratio Sample Type: |  |  |  |  |  |
| L3-CC2 |  | 5 e 4 |  |  |  |
| RT (Exp. RT): | 9.28 (9.45) min |  |  |  |  |
| [Calculated | $0.5033 \mathrm{ng} / \mathrm{ml}$ | Oe0 |  | 9 |  |
| Conc]: | $0.5033 \mathrm{ng} / \mathrm{m}$ |  | 8 |  |  |
| Area: | 467407 |  |  | Time, min |  |
| Area Ratio Sample Type: | 0.66 (Unknown) |  |  |  |  |




| 9 |  | 5 e | ${ }^{9} 26$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 9.26 (9.45) min |  |  |  |  |
| [Calculated Conct: | $0.9932 \mathrm{ng} / \mathrm{ml}$ |  | 8 | $9^{+10}$ | 11 |
| Area: | 478407 |  |  | Time, min |  |
| Area Ratio | 1.31 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| Avid <br> RT (Exp. RT): | 9.26 (9.45) min | $5 \mathrm{e} 4$ |  | $1$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| [Calculated Conc]: | $1.2804 \mathrm{ng} / \mathrm{ml}$ | 0e0 | 8 | $9+10$ | 11 |
| Area: | 542568 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 1.70 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |
| Avid-Spike |  | 1 e 5 |  |  |  |
| RT (Exp. RT): | N/A (9.45) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 8 | $9 \div 10$ | 11 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| SOIvent Blank 7 |  | 500 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (9.45) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml | 0 | 8 | 91 |  |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |



| Solvent Blank 8 |  | 500 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (9.45) min |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml | 0 | 8 | $9+10$ |  |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |  |

Analyte: PFPeS (348.8 / 80.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.290 \mathrm{e}+04$ | 12.37 | 0.0250 | 0.0237 |
| L2 | Standard | $1.710 \mathrm{e}+05$ | 12.38 | 0.1250 | 0.1219 |
| L3 | Standard | $7.507 \mathrm{e}+05$ | 12.37 | 0.5000 | 0.5193 |
| L4 | Standard | $3.671 \mathrm{e}+06$ | 12.37 | 2.5000 | 2.6557 |
| L5 | Standard | $1.093 \mathrm{e}+07$ | 12.37 | 7.5000 | 7.2984 |
| L6 | Standard | $1.983 \mathrm{e}+07$ | 12.37 | 15.0000 | 14.9286 |
| L7 | Standard | $2.977 \mathrm{e}+07$ | 12.37 | 20.0000 | 20.1030 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $8.044 \mathrm{e}+03$ | 12.60 | N/A | 0.0071 |
| PB | Unknown | $2.452 \mathrm{e}+06$ | 12.36 | N/A | 1.7359 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $3.870 \mathrm{e}+05$ | 12.35 | N/A | 0.8061 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.138 \mathrm{e}+04$ | 12.35 | N/A | 0.2277 |
| Mara-B | Unknown | $1.027 \mathrm{e}+04$ | 12.68 | N/A | 0.0239 |
| Mara-S | Unknown | $7.912 \mathrm{e}+05$ | 12.34 | N/A | 2.1280 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.093 \mathrm{e}+05$ | 12.36 | N/A | 0.5521 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.805 \mathrm{e}+05$ | 12.36 | N/A | 0.5550 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $9.290 \mathrm{e}+05$ | 12.35 | N/A | 0.5212 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | 7.425e+03 | 12.36 | N/A | 0.0106 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | N/A | N/A | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |







| Mara-S |  | 1 e 5 | ${ }^{1234}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.34 (12.55) min |  |  |  |  |
| [Calculated Concl: | $2.1280 \mathrm{ng} / \mathrm{ml}$ | 0e0 |  | $12 \cdot 13$ | 14 |
| Area: | 791170 |  |  | Time, min |  |
| Area Ratio Sample Type: | $3.79$ <br> (Unknown) |  |  |  |  |



| Solvent Blank 4 |  | OMNMMN |  |
| :---: | :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (12.55) min |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |
| Area: | N/A | $\begin{array}{llll}11 & 12^{*} 13 \\ & \text { Time, min }\end{array}$ |  |
| Area Ratio Sample Type: | N/A (Blank) | Time, min |  |
| Solvent Bloank3 |  |  |  |
| RT (Exp. RT): | N/A (12.55) min |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |
| Area: | N/A |  |  |
| Area Ratio | N/A | Time, min |  |
| Sample Type: | (Blank) |  |  |




| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min | wnosuns |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llll}11 & 12^{+13} & 14\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min | Num ${ }^{\text {wn M M M }}$ |
| [Calculated | N/A ng/ml | $0-11 \quad 12^{+13} 14$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |


| L3-CC3 |  | 1 e 5 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min |  |  |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | Oe0 | 11 | $\begin{array}{lll} 12 & 13 & 14 \\ \text { Time, } \min & \end{array}$ |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (12.55) min |  |
| [Calculated | N/A ng/ml |  |
| Conc]: | N/A |  |
| Area: |  |  |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: PFPeS t2 (348.8 / 99.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | $\begin{gathered} \text { Sample } \\ \text { Type } \end{gathered}$ | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.034 \mathrm{e}+04$ | 12.37 | 0.0250 | 0.0235 |
| L2 | Standard | $5.849 \mathrm{e}+04$ | 12.37 | 0.1250 | 0.1210 |
| L3 | Standard | $2.601 \mathrm{e}+05$ | 12.37 | 0.5000 | 0.5148 |
| L4 | Standard | $1.332 \mathrm{e}+06$ | 12.37 | 2.5000 | 2.7460 |
| L5 | Standard | $3.819 \mathrm{e}+06$ | 12.37 | 7.5000 | 7.2618 |
| L6 | Standard | $6.889 \mathrm{e}+06$ | 12.37 | 15.0000 | 14.7491 |
| L7 | Standard | $1.056 \mathrm{e}+07$ | 12.37 | 20.0000 | 20.2348 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $8.192 \mathrm{e}+05$ | 12.36 | N/A | 1.6544 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.037 \mathrm{e}+05$ | 12.34 | N/A | 0.6182 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $4.634 \mathrm{e}+03$ | 12.36 | N/A | 0.2662 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.366 \mathrm{e}+05$ | 12.34 | N/A | 1.8175 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.509 \mathrm{e}+05$ | 12.36 | N/A | 0.5586 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.618 \mathrm{e}+05$ | 12.36 | N/A | 0.5327 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $3.267 \mathrm{e}+05$ | 12.35 | N/A | 0.5244 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $5.300 \mathrm{e}+04$ | 12.33 | N/A | 0.4275 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $4.341 \mathrm{e}+05$ | 12.34 | $\mathrm{~N} / \mathrm{A}$ | 0.5748 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min | 10000 |  |  | $J$ |
| [Calculated Conc]: | N/A ng/ml |  | 11 | $12^{+13}$ |  |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |






| Mara-B |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (12.55) min |  |  |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |  |
| Conc]: | N/A |  |  |
| Area: |  |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Unknown) |  |  |


| Mara-S |  | 20000 | ${ }^{12,34}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.34 (12.55) min |  |  | ) |  |
| [Calculated Conc]: | $1.8175 \mathrm{ng} / \mathrm{ml}$ | 0 | 11 | $12 \cdot 13$ | 14 |
| Area: | 236614 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 1.13 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |








| 2 |  | 1000 |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \begin{array}{llll} & 11 & 12^{+13} 14\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |











Analyte: PFBA (212.9 / 169.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $9.300 \mathrm{e}+02$ | 5.76 | N/A | N/A |
| Solvent Blank1 | Blank | $1.618 \mathrm{e}+03$ | 5.81 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.174 \mathrm{e}+04$ | 5.51 | 0.0250 | 0.0320 |
| L2 | Standard | $4.021 \mathrm{e}+04$ | 5.52 | 0.1250 | 0.1071 |
| L3 | Standard | $1.831 \mathrm{e}+05$ | 5.51 | 0.5000 | 0.4373 |
| L4 | Standard | $1.025 \mathrm{e}+06$ | 5.52 | 2.5000 | 2.5195 |
| L5 | Standard | $3.321 \mathrm{e}+06$ | 5.53 | 7.5000 | 6.9201 |
| L6 | Standard | $7.050 \mathrm{e}+06$ | 5.52 | 15.0000 | 16.5012 |
| L7 | Standard | $9.257 \mathrm{e}+06$ | 5.52 | 20.0000 | 19.1072 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.859 \mathrm{e}+05$ | 5.50 | N/A | 0.5984 |
| PB | Unknown | $2.930 \mathrm{e}+05$ | 5.48 | N/A | 0.8006 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | N/A | N/A | N/A | N/A |
| Ped-B | Unknown | $1.252 \mathrm{e}+05$ | 5.48 | N/A | 0.3198 |
| Ped-S | Unknown | $1.070 \mathrm{e}+05$ | 5.47 | N/A | 0.3370 |
| Mara-B | Unknown | $2.273 \mathrm{e}+05$ | 5.47 | N/A | 0.6682 |
| Mara-S | Unknown | $3.337 \mathrm{e}+05$ | 5.47 | N/A | 1.0730 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.695 \mathrm{e}+05$ | 5.51 | N/A | 0.4379 |
| Solvent Blank 4 | Blank | $9.240 \mathrm{e}+02$ | 5.73 | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.125 \mathrm{e}+05$ | 5.51 | N/A | 0.5345 |
| Solvent Blank 4 | Blank | $1.053 \mathrm{e}+03$ | 5.75 | N/A | N/A |
| PB | Unknown | $1.756 \mathrm{e}+05$ | 5.50 | N/A | 0.6414 |
| 1 | Unknown | $6.335 \mathrm{e}+05$ | 5.47 | N/A | 1.0167 |
| 2 | Unknown | $2.245 \mathrm{e}+05$ | 5.45 | N/A | N/A |
| 3 | Unknown | $2.880 \mathrm{e}+05$ | 5.47 | N/A | 1.1282 |
| 4 | Unknown | $4.940 \mathrm{e}+05$ | 5.48 | N/A | 1.4375 |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.504 \mathrm{e}+05$ | 5.50 | N/A | 0.4803 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $6.889 \mathrm{e}+04$ | 5.64 | N/A | 1.7015 |
| 7 | Unknown | $1.263 \mathrm{e}+05$ | 5.45 | N/A | N/A |
| 8 | Unknown | $1.601 \mathrm{e}+05$ | 5.48 | N/A | 0.5857 |
| 9 | Unknown | $3.563 \mathrm{e}+05$ | 5.47 | N/A | 1.1104 |
| 10 | Unknown | $1.323 \mathrm{e}+05$ | 5.46 | N/A | 0.4579 |
| Avid | Unknown | $2.908 \mathrm{e}+05$ | 5.47 | N/A | 0.8654 |
| Avid-Spike | Unknown | $5.972 \mathrm{e}+05$ | 5.45 | N/A | 1.1595 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $2.242 \mathrm{e}+05$ | 5.47 | N/A | 0.4308 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |


| Solvent Blank1 |  | $10000{ }^{\text {a }}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.76 (5.65) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml | 0 | $4$ | $5 \quad 6$ <br> Time, min |  |
| Area: | 930 |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| Solvent Blank1 |  |  |  |  |  |
| RT (Exp. RT): | 5.81 (5.65) min |  |  |  |  |
| [Calculated | N/A ng/ml |  |  | 56 |  |
| Conc]: |  |  | 4 |  | 7 |
| Area: | 1618 |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |  |


| Solvent Blank1 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (5.65) min |  |  |  |  |  |
| [Calculated Concl: | N/A ng/ml | 0 |  | 5 6 <br> Time, $\min$ 7 |  | 8 |
| Area: | N/A |  |  |  |  |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |  |  |
| L1 |  |  |  |  |  |  |
| RT (Exp. RT): | 5.51 (5.65) min |  |  | 5.51 |  |  |
| [Calculated | $0.0320 \mathrm{ng} / \mathrm{ml}$ |  | 4 | $\begin{array}{ll} 5 & 6 \\ \text { Time, } \min \end{array}$ |  | 7 |
| Area: | 11743 |  | 4 |  |  |  |
| Area Ratio | 0.39 |  |  |  |  |  |
| Sample Type: | (Standard) |  |  |  |  |  |
| L2 |  |  |  |  |  |  |
| RT (Exp. RT): | 5.52 (5.65) min |  |  |  |  |  |
| [Calculated | 0.1071 ng/ml |  |  | 5 6 7 8 <br> Time, $\min$    |  |  |
| Conc]: |  |  |  |  |  |  |  |
| Area Ratio | 1.40 |  |  |  |  |  |
| Sample Type: | (Standard) |  |  |  |  |  |




| Mara-B |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.47 (5.65) min |  |  |  |  |
| [Calculated | $0.6682 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Area: | 227298 |  |  |  |  |
| Area Ratio | 8.99 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Mara-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.47 (5.65) min |  |  |  |  |
| [Calculated Conc]: | $1.0730 \mathrm{ng} / \mathrm{ml}$ |  | 4 | $\begin{array}{lll} 5 & 6 & 7 \\ \text { Time, } \min & \end{array}$ |  |
| Area: | 333733 |  |  |  |  |
| Area Ratio | 14.51 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |









| SOlvent Blank 7 |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (5.65) min |  |  |  |  |
| [Calculated | N/A ng/ml | 0 | 4 | 5 | 6 |
| Conc]: | N/A |  |  |  |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | Nime, min |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |



| Solvent Blank 8 |  | 5000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}$ (5.65) min |  |  |  |  |
| [Calculated Conct: | N/A ng/ml | 0 | 4 | $5 * 6$ | 7 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |

Analyte: 4:2 FTS (326.8 / 306.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \hline \text { Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.378 \mathrm{e}+04$ | 10.51 | 0.0250 | 0.0200 |
| L2 | Standard | $7.785 \mathrm{e}+04$ | 10.51 | 0.1250 | 0.1349 |
| L3 | Standard | $3.334 \mathrm{e}+05$ | 10.51 | 0.5000 | 0.5608 |
| L4 | Standard | $1.558 \mathrm{e}+06$ | 10.51 | 2.5000 | 2.4833 |
| L5 | Standard | $4.874 \mathrm{e}+06$ | 10.51 | 7.5000 | 7.7728 |
| L6 | Standard | $8.209 \mathrm{e}+06$ | 10.51 | 15.0000 | 14.1654 |
| L7 | Standard | $1.231 \mathrm{e}+07$ | 10.51 | 20.0000 | 20.5111 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.614 \mathrm{e}+06$ | 10.50 | N/A | 1.7480 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $2.646 \mathrm{e}+05$ | 10.48 | N/A | 1.8052 |
| Ped-B | Unknown | $5.704 \mathrm{e}+03$ | 10.49 | N/A | 0.0959 |
| Ped-S | Unknown | $3.703 \mathrm{e}+04$ | 10.49 | N/A | 1.2255 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $5.203 \mathrm{e}+05$ | 10.49 | N/A | 1.8761 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.642 \mathrm{e}+05$ | 10.50 | N/A | 0.5087 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $3.026 \mathrm{e}+05$ | 10.51 | N/A | 0.6065 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $3.727 \mathrm{e}+05$ | 10.50 | N/A | 0.5680 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $5.646 \mathrm{e}+03$ | 10.50 | N/A | 0.0056 |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.776 \mathrm{e}+05$ | 10.47 | N/A | 0.7973 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $5.317 \mathrm{e}+05$ | 10.48 | $\mathrm{~N} / \mathrm{A}$ | 0.5412 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |








| Ped-S |  | 20000 | ${ }^{10,49}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 10.49 (10.65) min |  |  |  |  |
| [Calculated Conc): | $1.2255 \mathrm{ng} / \mathrm{ml}$ |  | 9 | $10^{+} 11$ | 12 |
| Area: | 37029 |  |  | Time, min |  |
| Area Ratio | 9.49 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| Mara-S |  | 5 e 4 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 10.49 (10.65) min |  |  | - |  |
| [Calculated Conc]: | 1.8761 ng/ml |  | 9 | $10^{11}$ | 12 |
| Area: | 520253 |  |  | Time, min |  |
| Area Ratio Sample Type: | $14.55$ <br> (Unknown) |  |  |  |  |





| PB |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (10.65) min | Mhamanhwn |
| [Calculated Conc]: | N/A ng/ml | $0 \begin{array}{llll} \\ 9 & 10\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |






| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (10.65) min | mannuravov |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}9 & 10\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |






| L3-CC3 |  | 5 e 4 | ${ }^{10.48}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 10.48 (10.65) min |  |  |  |  |
| [Calculated Conc]: | $0.5412 \mathrm{ng} / \mathrm{ml}$ | Oe0 | 9 | $10^{+11}$ | 12 |
| Area: | 531717 |  |  | Time, min |  |
| Area Ratio | 4.18 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



Analyte: 4:2 FTS t2 (326.8 / 81.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $7.442 \mathrm{e}+03$ | 10.51 | 0.0250 | 0.0208 |
| L2 | Standard | $3.353 \mathrm{e}+04$ | 10.51 | 0.1250 | 0.1299 |
| L3 | Standard | $1.473 \mathrm{e}+05$ | 10.51 | 0.5000 | 0.5677 |
| L4 | Standard | $6.819 \mathrm{e}+05$ | 10.51 | 2.5000 | 2.4958 |
| L5 | Standard | $2.079 \mathrm{e}+06$ | 10.51 | 7.5000 | 7.5528 |
| L6 | Standard | 3.786e+06 | 10.51 | 15.0000 | 14.6577 |
| L7 | Standard | $5.451 \mathrm{e}+06$ | 10.51 | 20.0000 | 20.2263 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | 7.367e+05 | 10.50 | N/A | 1.8330 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.085 \mathrm{e}+05$ | 10.48 | N/A | 1.7008 |
| Ped-B | Unknown | $1.085 \mathrm{e}+04$ | 10.59 | N/A | 0.4199 |
| Ped-S | Unknown | $2.234 \mathrm{e}+04$ | 10.48 | N/A | 1.6968 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.245 \mathrm{e}+05$ | 10.48 | N/A | 1.8603 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | 1.196e+05 | 10.50 | N/A | 0.5275 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.235 \mathrm{e}+05$ | 10.50 | N/A | 0.5673 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.532 \mathrm{e}+05$ | 10.50 | N/A | 0.5347 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $1.984 \mathrm{e}+04$ | 10.79 | N/A | 0.2247 |
| 7 | Unknown | $5.960 \mathrm{e}+03$ | 10.69 | N/A | 0.0100 |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $1.034 \mathrm{e}+04$ | 10.50 | N/A | 0.0225 |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.362 \mathrm{e}+05$ | 10.47 | N/A | 0.8978 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.453 \mathrm{e}+05$ | 10.47 | $\mathrm{~N} / \mathrm{A}$ | 0.5721 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |








| Mara-B |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (10.65) min |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |  |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Mara-S |  | 20000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 10.48 (10.65) min |  |  | - |  |
| [Calculated Concl: | $1.8603 \mathrm{ng} / \mathrm{ml}$ |  | 9 | $10^{+11}$ | 12 |
| Area: | 224499 |  |  | Time, min |  |
| Area Ratio Sample Type: | $6.28$ <br> (Unknown) |  |  |  |  |





| 2 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (10.65) min |  |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}9 & 10 & 11 & 12\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (10.65) min |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \begin{array}{lllll}0 & 9 & 10\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |







| L3-CC3 |  | 20000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 10.47 (10.65) min |  |  |  |  |
| [Calculated | $0.5721 \mathrm{ng} / \mathrm{ml}$ | 0 | 9 | $10^{+11}$ |  |
| Conc]: | 245289 |  |  | Time, min |  |
| Area Ratio | 1.93 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (10.65) min | mparkwivn minn |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \begin{array}{lllll} & 9 & 10\end{array} 11$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

SCIEX
Analyte: 6:2 FTS (426.8 / 406.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name |  |  |  | $\begin{array}{c}\text { Sample } \\ \text { Type }\end{array}$ | Area (cps) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| RT |  |  |  |  |  |
| (min) |  |  |  |  |  |$)$


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $4.301 \mathrm{e}+05$ | 12.60 | $\mathrm{~N} / \mathrm{A}$ | 0.4348 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.63 (12.80) min |  |  |  |  |  |
| [Calculated Conc]: | $0.0530 \mathrm{ng} / \mathrm{ml}$ |  | 1 | $12 \quad 1$ | 14 | 15 |
| Area: | 30540 |  |  | Time, min |  |  |
| Area Ratio Sample Type: | $\begin{aligned} & 0.18 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |  |






| Mara-B |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.80) min |  |  |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | 11 | $12 \quad 13$ | 14 |  |
| Area: | N/A |  |  | Time, min |  |  |
| Area Ratio | N/A |  |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |  |






| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.80) min |  |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llllll}0 & 11 & 12 & 13 & 14 & 15\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |












| Solvent Blank 8 |  |  |  |
| :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.80) min |  | $\text { mav } \operatorname{wr}$ |
| [Calculated Conc]: | N/A ng/ml |  | $\begin{array}{lllll}11 & 12 & 13 & 14 & 15\end{array}$ |
| Area: | N/A |  | Time, min |
| Area Ratio | N/A |  |  |
| Sample Type: | (Blank) |  |  |

Analyte: 6:2 FTS t2 (426.8 / 81.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.937 \mathrm{e}+03$ | 12.64 | 0.0250 | 0.0213 |
| L2 | Standard | $2.069 \mathrm{e}+04$ | 12.64 | 0.1250 | 0.1555 |
| L3 | Standard | $6.209 \mathrm{e}+04$ | 12.64 | 0.5000 | 0.4491 |
| L4 | Standard | $2.953 \mathrm{e}+05$ | 12.63 | 2.5000 | 2.4557 |
| L5 | Standard | $9.000 \mathrm{e}+05$ | 12.63 | 7.5000 | 7.9456 |
| L6 | Standard | $1.608 \mathrm{e}+06$ | 12.63 | 15.0000 | 14.0473 |
| L7 | Standard | $2.508 \mathrm{e}+06$ | 12.63 | 20.0000 | 20.6007 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $8.304 \mathrm{e}+03$ | 12.63 | N/A | 0.0422 |
| PB | Unknown | $3.257 \mathrm{e}+05$ | 12.63 | N/A | 1.6207 |
| Ob-B | Unknown | $1.503 \mathrm{e}+04$ | 12.62 | N/A | 0.1248 |
| Ob-S | Unknown | $1.706 \mathrm{e}+05$ | 12.62 | N/A | 1.5847 |
| Ped-B | Unknown | $5.706 \mathrm{e}+05$ | 12.62 | N/A | 22.0202 |
| Ped-S | Unknown | $4.412 \mathrm{e}+04$ | 12.61 | N/A | 2.0997 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $6.671 \mathrm{e}+04$ | 12.62 | N/A | 0.5295 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.215 \mathrm{e}+04$ | 12.62 | N/A | 0.5573 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $6.122 \mathrm{e}+03$ | 12.63 | N/A | 0.0631 |
| 1 | Unknown | $6.949 \mathrm{e}+03$ | 12.62 | N/A | 0.0379 |
| 2 | Unknown | $2.216 \mathrm{e}+04$ | 12.60 | N/A | 0.0862 |
| 3 | Unknown | $6.993 \mathrm{e}+03$ | 12.61 | N/A | 0.0403 |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | $6.857 \mathrm{e}+04$ | 12.61 | N/A | 0.9405 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $9.461 \mathrm{e}+04$ | 12.62 | N/A | 0.5048 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | $1.244 \mathrm{e}+04$ | 12.61 | N/A | 0.5492 |
| 9 | Unknown | $6.500 \mathrm{e}+05$ | 12.63 | N/A | 2.0539 |
| 10 | Unknown | $4.463 \mathrm{e}+04$ | 12.61 | N/A | 1.2573 |
| Avid | Unknown | $7.883 \mathrm{e}+04$ | 12.61 | N/A | 0.5967 |
| Avid-Spike | Unknown | $1.756 \mathrm{e}+05$ | 12.61 | N/A | 1.0418 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $1.261 \mathrm{e}+05$ | 12.60 | $\mathrm{~N} / \mathrm{A}$ | 0.4472 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |






| PB |  | 0 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.63 (12.80) min |  |  |  |  |  |
| [Calculated Conc]: | $1.6207 \mathrm{ng} / \mathrm{ml}$ |  | 11 | $12 \quad 13$ | 14 | 15 |
| Area: | 325691 |  |  | Time, min |  |  |
| Area Ratio | 1.67 |  |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |  |





| Mara-S |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.80) min | $0 \sim 1$ | $1$ |  |
| [Calculated Conc]: | N/A ng/ml |  | $12 \quad 13 \quad 14$ | 15 |
| Area: | N/A |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |


| Solvent Bloank3 |  |  |  |
| :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.80) min |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | $\begin{array}{llllll}11 & 12 & 13 & 14 & 15\end{array}$ |
| Area: | N/A |  | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |  |
| L3-CC1 |  |  |  |
| RT (Exp. RT): | 12.62 (12.80) min |  |  |
| [Calculated | $0.5295 \mathrm{ng} / \mathrm{ml}$ |  |  |
| Conc]: |  |  | $\begin{array}{lllll}11 & 12 & 13 & 14 & 15\end{array}$ |
| Area: | 66706 |  | Time, min |
| Area Ratio | 0.55 |  |  |
| Sample Type: | (Unknown) |  |  |





| 5 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.61 (12.80) min |  | , |  |
| [Calculated Conc]: | $0.9405 \mathrm{ng} / \mathrm{ml}$ | $0-11$ | $12 \quad 13 \quad 14$ | 15 |
| Area: | 68574 |  | Time, min |  |
| Area Ratio | 0.97 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |








Analyte: 8:2 FTS (526.7 / 506.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $8.548 \mathrm{e}+03$ | 14.36 | 0.0250 | 0.0218 |
| L2 | Standard | $4.944 \mathrm{e}+04$ | 14.36 | 0.1250 | 0.1395 |
| L3 | Standard | $1.881 \mathrm{e}+05$ | 14.36 | 0.5000 | 0.5000 |
| L4 | Standard | $8.272 \mathrm{e}+05$ | 14.37 | 2.5000 | 2.5238 |
| L5 | Standard | $2.390 \mathrm{e}+06$ | 14.37 | 7.5000 | 7.6460 |
| L6 | Standard | 3.796e+06 | 14.37 | 15.0000 | 14.4554 |
| L7 | Standard | $5.564 \mathrm{e}+06$ | 14.36 | 20.0000 | 20.3699 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.357 \mathrm{e}+06$ | 14.35 | N/A | 1.7390 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $9.221 \mathrm{e}+05$ | 14.35 | N/A | 1.6461 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $4.051 \mathrm{e}+04$ | 14.36 | N/A | 0.9320 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.693 \mathrm{e}+05$ | 14.34 | N/A | 2.0373 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.588 \mathrm{e}+05$ | 14.36 | N/A | 0.5238 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.600 \mathrm{e}+05$ | 14.36 | N/A | 0.4725 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | $2.908 \mathrm{e}+03$ | 14.30 | N/A | 0.0142 |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.731 \mathrm{e}+05$ | 14.35 | N/A | 0.4849 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $1.513 \mathrm{e}+04$ | 14.50 | N/A | 0.2479 |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $4.151 \mathrm{e}+05$ | 14.34 | N/A | 0.6763 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $4.109 \mathrm{e}+05$ | 14.34 | $\mathrm{~N} / \mathrm{A}$ | 0.4358 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (14.50) min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | N/A |  |
| Area: |  |  |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |




| Ped-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): <br> [Calculated | N/A (14.50) min <br> N/A ng/ml | $0 \text { ~NAN }$ |
| Conc]: | N/A ng/ml | $\begin{array}{llll}13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |


| Ped-S |  | 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.36 (14.50) min |  |  |  |  |
| [Calculated Conc]: | $0.9320 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{+15}$ | 16 |
| Area: | 40506 |  |  | Time, min |  |
| Area Ratio | 3.55 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| Mara-S ${ }^{\text {a }}$ (1344 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.34 (14.50) min | 10000 | 14.34 |  |  |
| [Calculated Conc]: | $2.0373 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14 * 15$ | 16 |
| Area: ${ }^{\text {Area }}$ | 169277 |  |  | Time, min |  |
| Area Ratio Sample Type: | 7.71 <br> (Unknown) |  |  |  |  |


| Solvent Bloank3 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  | 13 | 14*15 | 16 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| L3-CC1 |  | 10000 | ${ }^{13,36}$ |  |  |
| RT (Exp. RT): | 14.36 (14.50) min |  |  |  |  |
| [Calculated | $0.5238 \mathrm{ng} / \mathrm{ml}$ |  |  |  | 16 |
| Conc]: |  |  | 13 | $14 * 15$ Time, min |  |
| Area: | 158837 |  |  |  |  |
| Area Ratio <br> Sample Type: | $\begin{aligned} & 2.00 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |




| 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min | M |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \sim 1314{ }^{+15}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llll}13 & 14^{*} 15 \quad 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |








Analyte: 8:2 FTS t2 (526.7 / 81.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $4.916 \mathrm{e}+03$ | 14.36 | 0.0250 | 0.0253 |
| L2 | Standard | $2.449 \mathrm{e}+04$ | 14.37 | 0.1250 | 0.1300 |
| L3 | Standard | $9.762 \mathrm{e}+04$ | 14.36 | 0.5000 | 0.4834 |
| L4 | Standard | $4.196 \mathrm{e}+05$ | 14.37 | 2.5000 | 2.3831 |
| L5 | Standard | $1.301 \mathrm{e}+06$ | 14.36 | 7.5000 | 7.8329 |
| L6 | Standard | $2.016 \mathrm{e}+06$ | 14.37 | 15.0000 | 14.6163 |
| L7 | Standard | $2.869 \mathrm{e}+06$ | 14.36 | 20.0000 | 20.1823 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $6.693 \mathrm{e}+05$ | 14.35 | N/A | 1.5954 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $4.739 \mathrm{e}+05$ | 14.35 | N/A | 1.5741 |
| Ped-B | Unknown | $4.765 \mathrm{e}+03$ | 14.30 | N/A | 0.2771 |
| Ped-S | Unknown | $2.341 \mathrm{e}+04$ | 14.35 | N/A | 1.0029 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.104 \mathrm{e}+05$ | 14.33 | N/A | 2.4811 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.825 \mathrm{e}+04$ | 14.36 | N/A | 0.4806 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $8.446 \mathrm{e}+04$ | 14.36 | N/A | 0.4647 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.272 \mathrm{e}+05$ | 14.35 | N/A | 0.4206 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $7.508 \mathrm{e}+03$ | 14.50 | N/A | 0.2301 |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.392 \mathrm{e}+05$ | 14.33 | N/A | 0.7259 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.349 \mathrm{e}+05$ | 14.34 | $\mathrm{~N} / \mathrm{A}$ | 0.4645 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min |  |
| [Calculated Concl: | N/A ng/ml | $0 \begin{array}{llll}13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |
| Solvent Blank1 |  |  |
| RT (Exp. RT): | N/A (14.50) min | ${ }^{20} \text { M N N NW }$ |
| [Calculated Conc]: | N/A ng/ml | $0 \xrightarrow[13]{ } 14 \div 1516$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |


| Solvent Blank1 |  | $0 \frac{\operatorname{NrN}}{134^{*} 15}$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min |  |  |  |
| [Calculated Concl: | N/A ng/ml |  |  |  |
| Area: | N/A | $\begin{array}{lccc} 13 & 14 & 15 & 16 \\ & \text { Time, } \min & \end{array}$ |  |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |
| L1 |  | 500 | ${ }^{14.36}$ |  |
| RT (Exp. RT): | 14.36 (14.50) min |  |  |  |
| [Calculated | $0.0253 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{array}{ll} 13 & 14 \\ & \text { Time, min } \end{array}$ |  |
| Conc]: |  |  |  |  |
| Area: | 4916 |  |  |  |
| Area Ratio | 0.05 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L2 |  | 2000 | $14,37$ |  |
| RT (Exp. RT): | 14.37 (14.50) min |  |  |  |
| [Calculated | $0.1300 \mathrm{ng} / \mathrm{ml}$ |  | 13 13 ${ }^{\text {c }}$ + 15 |  |
| Conc]: |  |  |  |  |
| Area: | 24491 |  |  |  |
| Area Ratio | 0.27 |  |  |  |
| Sample Type: | (Standard) |  |  |  |



| PB |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(14.50)$ min |  |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |  |
| Conc]: | N/A |  |  |
| Area: |  |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Unknown) |  |  |




| Ped-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | 14.30 (14.50) min | $4 \square$ |
| [Calculated | 0.2771 ng/ml | 014 |
| Conc]: |  | $\begin{array}{llll}13 & 14 & 15 & 16\end{array}$ |
| Area: | 4765 | Time, min |
| Area Ratio | 0.57 |  |
| Sample Type: | (Unknown) |  |


| Ped-S |  | 2000 | ${ }^{14,35}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.35 (14.50) min |  |  |  |  |
| [Calculated Concl: | $1.0029 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{array}{cc} 13 & 14 \\ & \text { Time, min } \end{array}$ |  |  |
| Area: | 23411 |  |  |  |  |
| Area Ratio | 2.05 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Mara-B |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min |  |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | 13 | $14 * 15$ |  |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Mara-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.33 (14.50) min |  |  |  |  |
| [Calculated Concl: | $2.4811 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Area: | 110368 |  | 1314 15 16 <br>  Time, min  |  |  |
| Area Ratio Sample Type: | $\begin{aligned} & 5.03 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |





| 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min | NMMNMmn |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $0 \xrightarrow[13]{0} 14 \times 1516$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min | $100$ <br> Mns N |
| [Calculated Conc]: | N/A ng/ml | $0 \quad 13 \quad 14+1516$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |






| L3-CC3 |  | 20000 | 14.34 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.34 (14.50) min |  |  |  |  |
| [Calculated Conc]: | $0.4645 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{+} 15$ | 16 |
| Area: | 234930 |  |  | Time, min |  |
| Area Ratio | 0.95 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Solvent Blank 8 |  | 20 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.50) min |  |  | $M \text { Mr }$ |  |
| [Calculated Concl: | N/A ng/ml |  | 13 | $14^{*} 15$ | 16 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |

Analyte: N-MeFOSAA (569.6 / 418.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | $4.649 \mathrm{e}+03$ | 15.14 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $5.788 \mathrm{e}+03$ | 14.75 | 0.0250 | 0.0273 |
| L2 | Standard | $3.532 \mathrm{e}+04$ | 14.75 | 0.1250 | 0.1219 |
| L3 | Standard | $1.435 \mathrm{e}+05$ | 14.76 | 0.5000 | 0.4698 |
| L4 | Standard | $7.108 \mathrm{e}+05$ | 14.76 | 2.5000 | 2.4378 |
| L5 | Standard | $2.153 \mathrm{e}+06$ | 14.76 | 7.5000 | 7.6691 |
| L6 | Standard | 3.666e+06 | 14.75 | 15.0000 | 14.9554 |
| L7 | Standard | $5.213 \mathrm{e}+06$ | 14.75 | 20.0000 | 19.9626 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.406 \mathrm{e}+05$ | 14.75 | N/A | 1.3365 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $5.733 \mathrm{e}+05$ | 14.75 | N/A | 1.6236 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.050 \mathrm{e}+05$ | 14.74 | N/A | 1.5746 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.269 \mathrm{e}+05$ | 14.74 | N/A | 1.5897 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.582 \mathrm{e}+05$ | 14.75 | N/A | 0.4579 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.587 \mathrm{e}+05$ | 14.75 | N/A | 0.4548 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.069 \mathrm{e}+03$ | 14.75 | N/A | 0.0288 |
| 1 | Unknown | $6.849 \mathrm{e}+03$ | 14.72 | N/A | 0.0214 |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $6.933 \mathrm{e}+03$ | 14.73 | N/A | 0.0269 |
| 4 | Unknown | $5.095 \mathrm{e}+03$ | 14.74 | N/A | 0.0625 |
| 5 | Unknown | $4.283 \mathrm{e}+03$ | 14.74 | N/A | 0.0215 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.269 \mathrm{e}+05$ | 14.74 | N/A | 0.4279 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $8.745 \mathrm{e}+03$ | 14.99 | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $8.679 \mathrm{e}+03$ | 14.73 | N/A | 0.0263 |
| Avid-Spike | Unknown | $4.102 \mathrm{e}+05$ | 14.72 | N/A | 0.6889 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $3.544 \mathrm{e}+05$ | 14.73 | $\mathrm{~N} / \mathrm{A}$ | 0.4701 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |







| Ped-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.95) min |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 13 & 14 & 15 & 16 & 17\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





| Solvent Bloank3 |  | 200 | $\cdots$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.95) min |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml | 0 | 13 | $\begin{array}{llll}14 & 15 & 16 & 17 \\ \text { Time, } \min \end{array}$ |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| L3-CC1 | 14.75 (14.75) min | 10000 | ${ }^{475}$ |  |  |
| RT (Exp. RT): |  |  |  |  |  |
| [Calculated | $0.4579 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $\begin{gathered} 14 \quad 15{ }^{16} \\ \text { Time, } \min \end{gathered}$ | 17 |
| Conc]: Area: | 158185 |  |  |  |  |
| ${ }_{\text {Area }}$ Areatio | ${ }_{0.59}$ |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



SCIEX












Analyte: N-MeFOSAA t2 (569.6 / 482.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $4.773 \mathrm{e}+03$ | 14.76 | 0.0250 | 0.0309 |
| L2 | Standard | $1.721 \mathrm{e}+04$ | 14.75 | 0.1250 | 0.1023 |
| L3 | Standard | $8.113 \mathrm{e}+04$ | 14.76 | 0.5000 | 0.4671 |
| L4 | Standard | $4.108 \mathrm{e}+05$ | 14.76 | 2.5000 | 2.4866 |
| L5 | Standard | $1.236 \mathrm{e}+06$ | 14.76 | 7.5000 | 7.6874 |
| L6 | Standard | $2.116 \mathrm{e}+06$ | 14.75 | 15.0000 | 14.7726 |
| L7 | Standard | $3.104 \mathrm{e}+06$ | 14.75 | 20.0000 | 20.1042 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.851 \mathrm{e}+05$ | 14.74 | N/A | 1.5289 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $3.166 \mathrm{e}+05$ | 14.74 | N/A | 1.5828 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $5.154 \mathrm{e}+04$ | 14.74 | N/A | 1.3631 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.185 \mathrm{e}+05$ | 14.74 | N/A | 1.4650 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $9.234 \mathrm{e}+04$ | 14.74 | N/A | 0.4697 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $8.960 \mathrm{e}+04$ | 14.75 | N/A | 0.4514 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | $4.312 \mathrm{e}+03$ | 14.73 | N/A | 0.0182 |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $5.093 \mathrm{e}+03$ | 14.72 | N/A | 0.0276 |
| 4 | Unknown | $2.304 \mathrm{e}+03$ | 14.74 | N/A | 0.0477 |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.201 \mathrm{e}+05$ | 14.74 | N/A | 0.3980 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $3.115 \mathrm{e}+03$ | 14.99 | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $4.448 \mathrm{e}+03$ | 14.73 | N/A | 0.0203 |
| Avid-Spike | Unknown | $2.182 \mathrm{e}+05$ | 14.72 | N/A | 0.6460 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.940 \mathrm{e}+05$ | 14.73 | $\mathrm{~N} / \mathrm{A}$ | O |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |












| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.73) min |  |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llllll}0 & 13 & 14 & 15 & 16 & 17\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





| 9 |  | 500 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.99 (14.95) min |  |  |  |  |
| ${ }^{\text {[Calculated }}$ Concl | N/A ng/ml | 0 | 13 | $14 \quad 1516$ |  |
| Area: | 3115 |  |  | Time, min |  |
| Area Ratio | $\begin{aligned} & \text { N/A } \\ & \text { (Unknown) } \\ & \hline \end{aligned}$ |  |  |  |  |
| Sample Type: |  |  |  |  |  |
| 10 |  | 200 |  |  |  |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}$ (14.98) min |  |  |  |  |
| [Calculated | N/A ng/ml |  |  |  |  |
| Conc]: |  |  | 13 | $14 \quad 15 \quad 16$ | 17 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |





| Solvent Blank 8 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.95) min | $100$ |  | $\rho^{\sim}$ |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | 13 | $14 \quad 15$ | 17 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A <br> (Blank) |  |  |  |  |

Analyte: N-EtFOSAA (583.8 / 418.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name |  |  |  | $\begin{array}{c}\text { Sample } \\ \text { Type }\end{array}$ | Area (cps) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| RT |  |  |  |  |  |
| (min) |  |  |  |  |  |$)$


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $4.421 \mathrm{e}+03$ | 15.06 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $8.217 \mathrm{e}+05$ | 15.06 | $\mathrm{~N} / \mathrm{A}$ | 0.4850 |
| Solvent Blank 8 | Blank | $3.324 \mathrm{e}+03$ | 15.05 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |












| 5 |  | 1000 | 15.07 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.07 (15.10) min |  |  |  |
| [Calculated Concl: | $0.0228 \mathrm{ng} / \mathrm{ml}$ |  | $14 \quad 15 \quad 16$ |  |
| Area: | 14949 |  | Time, min |  |
| Area Ratio | 0.06 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |




| 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.10) min |  |
| [Calculated Conc]: | N/A ng/ml | 014 |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |




| 10 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.10) min | hlnnon |
| [Calculated Concl: | N/A ng/ml | 0 14 15 16 |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |




| L3-CC3 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.06 (15.10) min |  |  |  |
| [Calculated Concl: | $0.4850 \mathrm{ng} / \mathrm{ml}$ |  | $14 \quad 1 \begin{array}{lll}15 & 16\end{array}$ | 17 |
| Area: | 821655 |  | Time, min |  |
| Area Ratio Sample Type: | $1.57$ <br> (Unknown) |  |  |  |


| Solvent Blank 8 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.05 (15.10) min |  |  |  |
| [Calculated | N/A ng/ml |  |  |  |
| Conc]: |  |  | 1516 |  |
| Area: | 3324 |  | Time, min |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |

Analyte: N-EtFOSAA t2 (583.8 / 482.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | 7.083e+03 | 15.09 | 0.0250 | 0.0277 |
| L2 | Standard | $3.648 \mathrm{e}+04$ | 15.09 | 0.1250 | 0.1313 |
| L3 | Standard | $1.416 \mathrm{e}+05$ | 15.09 | 0.5000 | 0.4465 |
| L4 | Standard | $7.081 \mathrm{e}+05$ | 15.09 | 2.5000 | 2.2614 |
| L5 | Standard | $2.428 \mathrm{e}+06$ | 15.09 | 7.5000 | 7.8157 |
| L6 | Standard | $4.289 \mathrm{e}+06$ | 15.09 | 15.0000 | 15.3041 |
| L7 | Standard | $6.114 \mathrm{e}+06$ | 15.09 | 20.0000 | 19.6602 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.170 \mathrm{e}+04$ | 15.09 | N/A | 0.0411 |
| PB | Unknown | $5.321 \mathrm{e}+05$ | 15.08 | N/A | 1.5289 |
| Ob-B | Unknown | $8.443 \mathrm{e}+03$ | 15.07 | N/A | 0.0284 |
| Ob-S | Unknown | $6.325 \mathrm{e}+05$ | 15.08 | N/A | 1.7080 |
| Ped-B | Unknown | 8.677e+03 | 15.08 | N/A | 0.0336 |
| Ped-S | Unknown | $4.841 \mathrm{e}+05$ | 15.08 | N/A | 1.3417 |
| Mara-B | Unknown | $5.694 \mathrm{e}+03$ | 15.08 | N/A | 0.0267 |
| Mara-S | Unknown | $3.110 \mathrm{e}+05$ | 15.07 | N/A | 1.7463 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.731 \mathrm{e}+05$ | 15.08 | N/A | 0.5276 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.738 \mathrm{e}+05$ | 15.08 | N/A | 0.5082 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.232 \mathrm{e}+03$ | 15.08 | N/A | 0.0253 |
| 1 | Unknown | $4.714 \mathrm{e}+03$ | 15.05 | N/A | 0.0192 |
| 2 | Unknown | $4.639 \mathrm{e}+03$ | 15.06 | N/A | 0.0242 |
| 3 | Unknown | $9.968 \mathrm{e}+03$ | 15.06 | N/A | 0.0326 |
| 4 | Unknown | $8.545 \mathrm{e}+03$ | 15.06 | N/A | 0.1043 |
| 5 | Unknown | 7.632e+03 | 15.07 | N/A | 0.0226 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.914 \mathrm{e}+05$ | 15.07 | N/A | 0.4904 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | $7.340 \mathrm{e}+03$ | 15.07 | N/A | 0.0213 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $8.254 \mathrm{e}+03$ | 15.07 | N/A | 0.0247 |
| Avid-Spike | Unknown | 3.632e+05 | 15.07 | N/A | 0.8527 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $2.743 \mathrm{e}+03$ | 15.07 | $\mathrm{~N} / \mathrm{A}$ | N/A |
| L3-CC3 | Unknown | $4.451 \mathrm{e}+05$ | 15.06 | $\mathrm{~N} / \mathrm{A}$ | 0.4670 |
| Solvent Blank 8 | Blank | $2.194 \mathrm{e}+03$ | 15.07 | $\mathrm{~N} / \mathrm{A}$ | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.10) min |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |
| Area: | N/A |  |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |
| Solvent Blank1 |  |  |
| RT (Exp. RT): | N/A (15.10) min |  |
| [Calculated Concl: | N/A ng/ml | $01 \begin{array}{llll}14 & 15 & 16 & 17\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |




| PB |  | 1000 | 15.09 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.09 (15.10) min |  |  |  |
| [Calculated Concl: | $0.0411 \mathrm{ng} / \mathrm{ml}$ | 0 | 1415 16 <br>  Time, <br>  in |  |
| Area: | 11699 |  |  |  |
| Area Ratio | 0.07 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| PB |  | 5 e 4 | ${ }^{1508}$ |  |
| RT (Exp. RT): | 15.08 (15.10) min |  |  |  |
| [Calculated Conc): | $1.5289 \mathrm{ng} / \mathrm{ml}$ | Oe0 | $14 \begin{array}{cc} 15 & 16 \\ & \text { Time, } \min \end{array}$ |  |
| Area: | 532077 |  |  |  |
| Area Ratio | 2.80 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-B |  | 1000 | (1507 |  |
| RT (Exp. RT): | 15.07 (15.10) min |  |  |  |
| [Calculated Conc): | $0.0284 \mathrm{ng} / \mathrm{ml}$ |  | $14 \quad 15 \quad 16$ <br> Time, min |  |
| Area: | 8443 |  |  |  |
| Area Ratio | 0.04 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-S |  |  | 15.08 |  |
| RT (Exp. RT): | 15.08 (15.10) min |  |  |  |
| [Calculated Concl: | $1.7080 \mathrm{ng} / \mathrm{ml}$ |  | $14 \begin{gathered} 15 \\ \\ \text { Time, } \begin{array}{c} 16 \end{array} \end{gathered}$ |  |
| Area: | 632463 |  |  |  |
| Area Ratio | 3.12 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ped-B |  | 1000 |  |  |
| RT (Exp. RT): | 15.08 (15.10) min |  |  |  |  |
| [Calculated | $0.0336 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Conc]: |  |  | $14 \begin{array}{cc}15 & 16 \\ & \text { Time, min }\end{array}$ |  |
| Area: | 8677 |  |  |  |
| Area Ratio | 0.05 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ped-S |  | 5 e 4 | ${ }^{1508}$ |  |
| RT (Exp. RT): | 15.08 (15.10) min |  |  |  |
| [Calculated Concl: | $1.3417 \mathrm{ng} / \mathrm{ml}$ | Oe0 | $14 \quad 1 \begin{array}{lll}15 & 16\end{array}$ |  |
| Area: | 484114 |  | Time, min |  |
| Area Ratio | 2.45 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| Mara-B |  | 500 | 15.08 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.08 (15.10) min |  |  |  |
| [Calculated Conc]: | $0.0267 \mathrm{ng} / \mathrm{ml}$ |  | $14 \quad 15 \quad 16$ | 17 |
| Area: | 5694 |  | Time, min |  |
| Area Ratio | 0.04 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| Mara-S |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.07 (15.10) min |  |  |  |
| [Calculated Conc]: | $1.7463 \mathrm{ng} / \mathrm{ml}$ |  | $14 \quad 15$ |  |
| Area: | 311027 |  | Time, min |  |
| Area Ratio Sample Type: | $3.19$ <br> (Unknown) |  |  |  |




SCIEX

| L3-CC1 |  | 20000 | 15.08 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.08 (15.10) min |  |  |  |
| [Calculated Conc]: | $0.5082 \mathrm{ng} / \mathrm{ml}$ | 0 | $14 \quad 1{ }^{15}$ |  |
| Area: | 173823 |  | Time, min |  |
| Area Ratio Sample Type: | $0.93$ <br> (Unknown) |  |  |  |





| 4 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.06 (15.10) min |  |  |  |  |
| [Calculated | $0.1043 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Area: | 8545 |  |  |  |  |
| Area Ratio | 0.18 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| 5 |  |  | 15.07 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.07 (15.10) min |  |  |  |
| [Calculated | $0.0226 \mathrm{ng} / \mathrm{ml}$ |  | 1410 |  |
| Conc]: |  |  | 141516 |  |
| Area: | 7632 |  | Time, min |  |
| Area Ratio | 0.03 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |






| Avid RT (Exp. RT): | 15.07 (15.10) min | $1000$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| [Calculated Conc]: | $0.0247 \mathrm{ng} / \mathrm{ml}$ |  |  |  |
| Area: | 8254 |  | Time, min |  |
| Area Ratio | 0.04 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Avid-Spike |  |  |  |  |
| RT (Exp. RT): | 15.07 (15.10) min |  |  |  |
| [Calculated Concl: | $0.8527 \mathrm{ng} / \mathrm{ml}$ |  | 14 | $\begin{gathered} 15 \\ \text { Time, } \quad 16 \end{gathered}$ |
| Area: | 363246 |  |  |  |
| Area Ratio | 1.56 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |




| Solvent Blank 8 |  | 1507 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 15.07 (15.10) min |  |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}0 & 14 & 15 & 16\end{array}$ |
| Area: | 2194 | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: MPFBA (217.0 / 172.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.709 \mathrm{e}+05$ | 5.50 | 0.0250 | 17.8746 |
| L2 | Standard | $1.533 \mathrm{e}+05$ | 5.52 | 0.1250 | two roots |
| L3 | Standard | $1.541 \mathrm{e}+05$ | 5.50 | 0.5000 | two roots |
| L4 | Standard | $1.636 \mathrm{e}+05$ | 5.51 | 2.5000 | two roots |
| L5 | Standard | $1.593 \mathrm{e}+05$ | 5.52 | 7.5000 | two roots |
| L6 | Standard | $1.581 \mathrm{e}+05$ | 5.51 | 15.0000 | two roots |
| L7 | Standard | $1.764 \mathrm{e}+05$ | 5.51 | 20.0000 | 18.6479 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $3.497 \mathrm{e}+04$ | 5.49 | N/A | no root |
| PB | Unknown | $2.892 \mathrm{e}+04$ | 5.47 | N/A | no root |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | N/A | N/A | N/A | N/A |
| Ped-B | Unknown | $9.199 \mathrm{e}+03$ | 5.47 | N/A | no root |
| Ped-S | Unknown | $8.920 \mathrm{e}+03$ | 5.47 | N/A | no root |
| Mara-B | Unknown | $5.517 \mathrm{e}+04$ | 5.46 | N/A | no root |
| Mara-S | Unknown | $3.644 \mathrm{e}+04$ | 5.47 | N/A | no root |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.623 \mathrm{e}+05$ | 5.50 | N/A | two roots |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.856 \mathrm{e}+05$ | 5.51 | N/A | 19.8174 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $3.700 \mathrm{e}+04$ | 5.49 | N/A | no root |
| 1 | Unknown | $1.575 \mathrm{e}+05$ | 5.46 | N/A | two roots |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $5.596 \mathrm{e}+04$ | 5.46 | N/A | no root |
| 4 | Unknown | $1.133 \mathrm{e}+05$ | 5.47 | N/A | no root |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.046 \mathrm{e}+05$ | 5.49 | N/A | 21.9179 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | $2.749 \mathrm{e}+04$ | 5.47 | N/A | no root |
| 9 | Unknown | $6.568 \mathrm{e}+04$ | 5.46 | N/A | no root |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $6.110 \mathrm{e}+04$ | 5.46 | N/A | no root |
| Avid-Spike | Unknown | N/A | N/A | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.172 \mathrm{e}+05$ | 5.46 | $\mathrm{~N} / \mathrm{A}$ | 23.1462 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |



| Solvent Blank1 <br> RT (Exp. RT): | N/A (5.65) min |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| [Calculated Conc]: <br> Area: <br> Area Ratio Sample Type: | N/A ng/ml <br> N/A <br> N/A <br> (Blank) |  | 4 | $5 \cdot 6$ <br> Time, min | 7 | 8 |
| L1 <br> RT (Exp. RT): <br> [Calculated <br> Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | 5.50 (5.65) min <br> $17.8746 \mathrm{ng} / \mathrm{ml}$ <br> 170949 <br> N/A <br> (Standard) | $\begin{array}{r} 10000 \\ 0 \end{array}$ | $4$ |  | 7 |  |
| L2 <br> RT (Exp. RT): <br> [Calculated Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | 5.52 (5.65) min two roots $\mathrm{ng} / \mathrm{ml}$ $153315$ <br> N/A <br> (Standard) | $\begin{array}{r} 10000 \\ 0 \end{array}$ | 4 |  | 7 | 8 |





| Mara-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.47 (5.65) min |  |  |  |  |
| [Calculated Concl: | no root ng/ml |  | 4 | $5 * 6$ | 7 |
| Area: | 36436 |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |




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| 4 |  | 10000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.47 (5.65) min |  |  |  |  |
| [Calculated Conc]: | no root $\mathrm{ng} / \mathrm{ml}$ |  | 4 | $5 * 6$ | 7 |
| Area: | 113265 |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |





| 7 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (5.65) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 4 | $5 * 6$ | 7 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| 8 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.47 (5.65) min |  |  |  |  |
| [Calculated Conc]: | no root $\mathrm{ng} / \mathrm{ml}$ |  | 4 | $5 \cdot 6$ | 7 |
| Area: | 27487 |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| 9 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.46 (5.65) min |  |  |  |  |
| [Calculated Conc]: | no root $\mathrm{ng} / \mathrm{ml}$ |  | 4 | $\begin{aligned} & 5 \quad 6 \\ & \text { Time, } \mathrm{min} \end{aligned}$ | 7 |
| Area: | 65684 |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |
| 10 |  | 1000 |  | $N$ |  |
| RT (Exp. RT): | N/A (5.65) min |  |  |  |  |
| [Calculated | N/A ng/ml |  |  | $5 \div 6$ <br> Time, min | 7 |
| Conc]: | NAng/r |  |  |  |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |




| L3-CC3 |  |  | 5.46 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 5.46 (5.65) min |  |  |  |  |
| [Calculated Conc]: | $23.1462 \mathrm{ng} / \mathrm{ml}$ |  |  | $5 \cdot 6$ | 7 |
| Area: | 217171 |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(5.65) \mathrm{min}$ |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 4 | $5+6$ | 7 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |

SCIEX
Analyte: MPFOS (502.7 / 98.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | $\begin{gathered} \text { Sample } \\ \text { Type } \end{gathered}$ | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.326 \mathrm{e}+05$ | 15.20 | 0.0250 | < 0 |
| L2 | Standard | $1.287 \mathrm{e}+05$ | 15.20 | 0.1250 | 0.9325 |
| L3 | Standard | $1.284 \mathrm{e}+05$ | 15.20 | 0.5000 | 1.0213 |
| L4 | Standard | $1.137 \mathrm{e}+05$ | 15.20 | 2.5000 | two roots |
| L5 | Standard | $1.334 \mathrm{e}+05$ | 15.20 | 7.5000 | < 0 |
| L6 | Standard | $1.085 \mathrm{e}+05$ | 15.20 | 15.0000 | no root |
| L7 | Standard | $1.126 \mathrm{e}+05$ | 15.20 | 20.0000 | two roots |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | N/A | N/A | N/A | N/A |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | N/A | N/A | N/A | N/A |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $5.832 \mathrm{e}+04$ | 15.50 | N/A | no root |
| 10 | Unknown | $2.772 \mathrm{e}+04$ | 15.41 | N/A | no root |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | N/A | N/A | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |
| L3-CC3 | Unknown | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.40) min |  |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llll}14 & 15^{*} 16 & 17\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Solvent Blank1 |  |  |
| RT (Exp. RT): | N/A (15.40) min | $\wedge^{W V} A \Delta M$ |
| [Calculated Concl: | N/A ng/ml | $0-1415$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |





| PB |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (15.40) min | 10000 | $\mathcal{I}$ |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  | 14 | $15^{*} 16$ | 17 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A |  |  |  |  |




| Ped-S |  |
| :--- | :--- |
| RT (Exp. RT): | N/A (15.40) min |
| [Calculated | N/A ng/ml |
| Conc]: |  |
| Area: N/A <br> Area Ratio  <br> Sample Type: N/A <br> (Unknown)  |  |


| Mara-B |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(15.40) \mathrm{min}$ |  |  | $J$ |  |
| [Calculated Conc]: | N/A ng/ml |  | 14 | $15^{+16}$ | 17 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |













| 7 |  | 5000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.40) min |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml | 0 | 14 | $15^{+16}$ |  |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A |  |  |  |  |



| 9 |  | 5000 | ${ }^{15.50}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.50 (15.40) min |  |  |  |  |
| [Calculated | no root $\mathrm{ng} / \mathrm{ml}$ |  | $14 \begin{gathered} 15^{\star} 16 \\ \text { Time, } \mathrm{min} \end{gathered}$ |  |  |
| Conc]: | no root $\mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Area: | 58321 |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |
| 10 |  |  |  | 15.41 |  |
| RT (Exp. RT): | 15.41 (15.40) min |  |  |  |  |
| [Calculated | no root $\mathrm{ng} / \mathrm{ml}$ |  | 14 | $15^{*} 16$ | 17 |
| Area: | 27721 |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Avid |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.40) min | 0 | $14 \begin{gathered} 15^{+} \\ \\ \\ \text {Time, min } \end{gathered}$ |  | 17 |
| [Calculated Conc]: | N/A ng/ml |  |  |  |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |
| Avid-Spike |  | 10000 | $J$ |  |  |
| RT (Exp. RT): | N/A (15.40) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 14 | $15^{\text {² }} 16$ | 17 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |





Analyte: MPFDA (515.0 / 470.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.077 \mathrm{e}+06$ | 14.76 | 0.0250 | 19.4219 |
| L2 | Standard | $1.023 \mathrm{e}+06$ | 14.76 | 0.1250 | two roots |
| L3 | Standard | $1.054 \mathrm{e}+06$ | 14.76 | 0.5000 | two roots |
| L4 | Standard | $1.047 \mathrm{e}+06$ | 14.76 | 2.5000 | two roots |
| L5 | Standard | $1.068 \mathrm{e}+06$ | 14.76 | 7.5000 | two roots |
| L6 | Standard | $1.022 \mathrm{e}+06$ | 14.76 | 15.0000 | two roots |
| L7 | Standard | $1.067 \mathrm{e}+06$ | 14.76 | 20.0000 | two roots |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.200 \mathrm{e}+06$ | 14.75 | N/A | 25.8806 |
| PB | Unknown | $1.060 \mathrm{e}+06$ | 14.75 | N/A | two roots |
| Ob-B | Unknown | $8.430 \mathrm{e}+05$ | 14.74 | N/A | no root |
| Ob-S | Unknown | $9.582 \mathrm{e}+05$ | 14.74 | N/A | no root |
| Ped-B | Unknown | $1.548 \mathrm{e}+05$ | 14.75 | N/A | no root |
| Ped-S | Unknown | $1.249 \mathrm{e}+05$ | 14.74 | N/A | no root |
| Mara-B | Unknown | $5.422 \mathrm{e}+05$ | 14.74 | N/A | no root |
| Mara-S | Unknown | $5.663 \mathrm{e}+05$ | 14.74 | N/A | no root |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.067 \mathrm{e}+06$ | 14.75 | N/A | two roots |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.147 \mathrm{e}+06$ | 14.75 | N/A | 23.4729 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $7.352 \mathrm{e}+05$ | 14.74 | N/A | no root |
| 1 | Unknown | $9.044 \mathrm{e}+05$ | 14.72 | N/A | no root |
| 2 | Unknown | $1.579 \mathrm{e}+05$ | 14.72 | N/A | no root |
| 3 | Unknown | $8.249 \mathrm{e}+05$ | 14.73 | N/A | no root |
| 4 | Unknown | $8.023 \mathrm{e}+05$ | 14.73 | N/A | no root |
| 5 | Unknown | $8.824 \mathrm{e}+05$ | 14.73 | N/A | no root |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.540 \mathrm{e}+06$ | 14.74 | N/A | 36.6944 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | $2.355 \mathrm{e}+05$ | 14.60 | N/A | no root |
| 8 | Unknown | $1.672 \mathrm{e}+05$ | 14.65 | N/A | no root |
| 9 | Unknown | $8.763 \mathrm{e}+04$ | 14.72 | N/A | no root |
| 10 | Unknown | $5.496 \mathrm{e}+04$ | 14.76 | N/A | no root |
| Avid | Unknown | $7.582 \mathrm{e}+05$ | 14.73 | N/A | no root |
| Avid-Spike | Unknown | $1.004 \mathrm{e}+06$ | 14.72 | N/A | no root |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | N/A | N/A |
| L3-CC3 | Unknown | $1.902 \mathrm{e}+06$ | 14.73 | $\mathrm{~N} / \mathrm{A}$ | 44.7326 |
| Solvent Blank 8 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | N/A | N/A |






| Mara-B |  | 5 e 4 | ${ }^{14.74}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.74 (14.70) min |  |  |  |
| [Calculated Conc]: | no root $\mathrm{ng} / \mathrm{ml}$ | $0 \mathrm{e} 0$ | $14^{+15} 16$ | 17 |
| Area: | 542185 |  | Time, min |  |
| Area Ratio | N/A |  |  |  |


| Mara-S |  | $\begin{aligned} & 5 \mathrm{e} 4 \\ & 0 \mathrm{e} 0 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.74 (14.70) min |  |  |  |  |
| [Calculated Conc]: | no root $\mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{+15} 16$ | 17 |
| Area: | 566271 |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A <br> (Unknown) |  |  |  |  |








| Solvent Blank 6 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): <br> [Calculated Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | N/A (14.70) min N/A ng/ml <br> N/A <br> N/A <br> (Blank) |  |  |  |
| 6 |  |  |  |  |
| RT (Exp. RT): <br> [Calculated Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | N/A (14.70) min <br> N/A ng/ml <br> N/A <br> N/A <br> (Unknown) |  |  |  |



| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.70) min | M~NNM un |
| [Calculated Conc): | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 13 & 14 & 15 & 16 & 17\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |



| Solvent Blank 8 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (14.70) min |  |  |  |
| [Calculated Conc]: | N/A ng/ml | 13 | 14 | 17 |
| Area: | N/A | Time, min |  |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |

Analyte: PFTeDA (712.7 / 668.7)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | Instrument Name | QTRAP 6500+ Low Mass |
| 2roject | PFAS |  |  |


| Sample Name |  |  |  | $\begin{array}{c}\text { Sample } \\ \text { Type }\end{array}$ | Area (cps) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| RT |  |  |  |  |  |
| (min) |  |  |  |  |  |$)$


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.614 \mathrm{e}+06$ | 18.05 | $\mathrm{~N} / \mathrm{A}$ | 0.4738 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  | 5000 | 18.05 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.05 (18.00) min |  |  |  |  |
| [Calculated Concl: | $0.0180 \mathrm{ng} / \mathrm{ml}$ | 0 | 17 | 1819 | 20 |
| Area: | 36111 |  |  | Time, min |  |
| Area Ratio | 0.04 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| PB |  |  | 18.05 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.05 (18.00) min |  |  |  |  |
| [Calculated Conc]: | $1.5274 \mathrm{ng} / \mathrm{ml}$ |  | 17 | $1^{4} 819$ | 20 |
| Area: | 3380147 |  |  | Time, min |  |
| Area Ratio Sample Type: | $3.05$ |  |  |  |  |







| Solvent Bloank3 |  |  | Non |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.00) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 17 | 1819 | 20 |
| Area: | N/A |  | Time, min |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| L3-CC1 |  | 1 e 5 | ${ }^{18.06}$ |  |  |
| RT (Exp. RT): | 18.06 (18.00) min |  |  |  |  |
| [Calculated | $0.4866 \mathrm{ng} / \mathrm{ml}$ | Oe0 |  |  |  |
| Conc]: | 0.4866 ng |  | 17 | $\begin{array}{cr} 1^{4} 8 & 19 \\ \text { Time, } \end{array}$ | 20 |
| Area: | 1254711 |  |  |  |  |
| Area Ratio | 0.98 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



SCIEX








| L3-CC3 |  |  | $18.05$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.05 (18.00) min |  |  |  |  |
| [Calculated Conc]: | $0.4738 \mathrm{ng} / \mathrm{ml}$ |  | 17 | 1819 | 20 |
| Area: | 2613839 |  |  | Time, min |  |
| Area Ratio Sample Type: | $0.95$ <br> (Unknown) |  |  |  |  |



Analyte: PFTeDA t2 (712.7 / 168.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $6.620 \mathrm{e}+03$ | 18.07 | 0.0250 | 0.0243 |
| L2 | Standard | $3.097 \mathrm{e}+04$ | 18.07 | 0.1250 | 0.1279 |
| L3 | Standard | $1.285 \mathrm{e}+05$ | 18.07 | 0.5000 | 0.4947 |
| L4 | Standard | $5.968 \mathrm{e}+05$ | 18.07 | 2.5000 | 2.5459 |
| L5 | Standard | $1.806 \mathrm{e}+06$ | 18.07 | 7.5000 | 7.5123 |
| L6 | Standard | $3.153 \mathrm{e}+06$ | 18.07 | 15.0000 | 14.7909 |
| L7 | Standard | $4.420 \mathrm{e}+06$ | 18.06 | 20.0000 | 20.1569 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.056 \mathrm{e}+03$ | 18.05 | N/A | 0.0151 |
| PB | Unknown | $4.143 \mathrm{e}+05$ | 18.04 | N/A | 1.5417 |
| Ob-B | Unknown | $2.857 \mathrm{e}+03$ | 18.04 | N/A | 0.0108 |
| Ob-S | Unknown | 3.762e+05 | 18.04 | N/A | 1.6486 |
| Ped-B | Unknown | $1.319 \mathrm{e}+04$ | 18.16 | N/A | 0.1927 |
| Ped-S | Unknown | $1.590 \mathrm{e}+05$ | 18.01 | N/A | 1.6625 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $8.484 \mathrm{e}+04$ | 18.04 | N/A | 1.7397 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.535 \mathrm{e}+05$ | 18.06 | N/A | 0.4894 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.606 \mathrm{e}+05$ | 18.06 | N/A | 0.5037 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | $3.111 \mathrm{e}+03$ | 18.02 | N/A | 0.0137 |
| 2 | Unknown | $2.606 \mathrm{e}+04$ | 18.17 | N/A | 0.2656 |
| 3 | Unknown | $2.868 \mathrm{e}+03$ | 18.02 | N/A | 0.0125 |
| 4 | Unknown | $2.595 \mathrm{e}+03$ | 18.04 | N/A | 0.0423 |
| 5 | Unknown | $2.522 \mathrm{e}+03$ | 18.04 | N/A | 0.0100 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.409 \mathrm{e}+05$ | 18.05 | N/A | 0.4962 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | 3.202e+03 | 18.03 | N/A | 0.0157 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $3.268 \mathrm{e}+03$ | 18.03 | N/A | 0.0150 |
| Avid-Spike | Unknown | $1.800 \mathrm{e}+05$ | 18.02 | N/A | 0.7813 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $3.290 \mathrm{e}+05$ | 18.05 | $\mathrm{~N} / \mathrm{A}$ | 0.4904 |
| Solvent Blank 8 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | N/A | N/A |









| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.00) min | $0 \sim N N^{N} M \text { wns }$ |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | 0 17 18 19  <br> 18     <br> 18     |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |
| Solvent Bloank3 |  |  |
| RT (Exp. RT): | N/A (18.00) min | 0 Nunsmand |
| [Calculated | N/A ng/ml |  |
| Conc]: |  | Time, min |
| Area: | N/A |  |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |






| 3 |  | 500 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.02 (18.00) min |  |  |  |
| [Calculated Conc]: | $0.0125 \mathrm{ng} / \mathrm{ml}$ |  |  | 20 |
| Area: | 2868 |  |  |  |
| Area Ratio | 0.00 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |



| 5 |  | 18.04 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 18.04 (18.00) min |  |
| [Calculated | $0.0100 \mathrm{ng} / \mathrm{ml}$ | $0 \sim 17 \begin{array}{llll}17 & 18 & 19 & 20\end{array}$ |
| Area: | 2522 | Time, min |
| Area Ratio | 0.00 |  |
| Sample Type: | (Unknown) |  |






| L3-CC3 |  |  | $\begin{gathered} \hline \hline{ }^{18.05} \\ 8 \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.05 (18.00) min |  |  |  |  |
| [Calculated Conc]: | $0.4904 \mathrm{ng} / \mathrm{ml}$ |  | 17 | 1819 | 20 |
| Area: | 329038 |  |  | Time, min |  |
| Area Ratio Sample Type: | $0.12$ <br> (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.00) min |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llll}17 & 18 & 19 & 20\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |

Analyte: PFTrDA (662.7 / 618.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $2.879 \mathrm{e}+03$ | 17.24 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $5.236 \mathrm{e}+04$ | 17.26 | 0.0250 | 0.0271 |
| L2 | Standard | $2.550 \mathrm{e}+05$ | 17.26 | 0.1250 | 0.1224 |
| L3 | Standard | $1.081 \mathrm{e}+06$ | 17.26 | 0.5000 | 0.4664 |
| L4 | Standard | $5.288 \mathrm{e}+06$ | 17.26 | 2.5000 | 2.5121 |
| L5 | Standard | $1.586 \mathrm{e}+07$ | 17.26 | 7.5000 | 7.4033 |
| L6 | Standard | $2.862 \mathrm{e}+07$ | 17.26 | 15.0000 | 15.4002 |
| L7 | Standard | $3.757 \mathrm{e}+07$ | 17.26 | 20.0000 | 19.7136 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.672 \mathrm{e}+04$ | 17.25 | N/A | 0.0120 |
| PB | Unknown | $3.255 \mathrm{e}+06$ | 17.25 | N/A | 1.3471 |
| Ob-B | Unknown | $9.315 \mathrm{e}+03$ | 17.25 | N/A | 0.0088 |
| Ob-S | Unknown | $2.905 \mathrm{e}+06$ | 17.24 | N/A | 1.4151 |
| Ped-B | Unknown | $6.814 \mathrm{e}+03$ | 17.25 | N/A | 0.0154 |
| Ped-S | Unknown | $1.909 \mathrm{e}+06$ | 17.24 | N/A | 2.2302 |
| Mara-B | Unknown | $4.059 \mathrm{e}+03$ | 17.24 | N/A | 0.0110 |
| Mara-S | Unknown | $5.657 \mathrm{e}+05$ | 17.24 | N/A | 1.2879 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.096 \mathrm{e}+06$ | 17.25 | N/A | 0.3922 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.163 \mathrm{e}+06$ | 17.25 | N/A | 0.4091 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $5.397 \mathrm{e}+03$ | 17.25 | N/A | 0.0076 |
| 1 | Unknown | $8.489 \mathrm{e}+03$ | 17.22 | N/A | 0.0090 |
| 2 | Unknown | $5.442 \mathrm{e}+03$ | 17.23 | N/A | 0.0105 |
| 3 | Unknown | $7.091 \mathrm{e}+03$ | 17.22 | N/A | 0.0082 |
| 4 | Unknown | $7.305 \mathrm{e}+03$ | 17.24 | N/A | 0.0180 |
| 5 | Unknown | $6.028 \mathrm{e}+03$ | 17.23 | N/A | 0.0074 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.662 \mathrm{e}+06$ | 17.24 | N/A | 0.3841 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | 4.603e+03 | 17.23 | N/A | 0.0071 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $5.321 \mathrm{e}+03$ | 17.22 | N/A | 0.0073 |
| Avid-Spike | Unknown | $1.250 \mathrm{e}+06$ | 17.22 | N/A | 0.6056 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $2.121 \mathrm{e}+06$ | 17.24 | N/A | 0.3551 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |







| Ob-B <br> RT (Exp. RT): | $17.25 \text { (17.40) min }$ | 1000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| [Calculated Concl: | $0.0088 \mathrm{ng} / \mathrm{ml}$ |  | 16 | $17^{*} 18$ <br> Time, min |  |
| Area: | 9315 |  |  |  |  |
| Area Ratio Sample Type: | $0.01$ <br> (Unknown) |  |  |  |  |
| Ob-S |  |  |  |  |  |
| RT (Exp. RT): | 17.24 (17.40) min |  |  |  |  |
| [Calculated Concl: | $1.4151 \mathrm{ng} / \mathrm{ml}$ |  | 16 | $\begin{aligned} & 17^{+} \quad 18 \\ & \text { Time, } \min \end{aligned}$ |  |
| Area: | 2904765 |  |  |  |  |
| Area Ratio | 3.09 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| Mara-B |  | 500 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.24 (17.40) min |  |  |  |  |
| [Calculated Conc]: | $0.0110 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Area: | 4059 |  |  | Time, min |  |
| Area Ratio | 0.01 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |







| 5 |  | 1723 |
| :---: | :---: | :---: |
| RT（Exp．RT）： | 17.23 （17．40）min |  |
| ［Calculated | $0.0074 \mathrm{ng} / \mathrm{ml}$ | $0<\sim 1 ⿻ コ 一_{16} 0 \times 18$ |
| Conc］： |  | $\begin{array}{llll}16 & 17 & 18 & 19\end{array}$ |
| Area： | 6028 | Time，min |
| Area Ratio | 0.01 |  |
| Sample Type： | （Unknown） |  |





| SOIvent Blank 7 |  | 100 |  | $M_{\text {winn }}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 16 | $17^{+18}$ | 19 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |  |


| L3-CC3 |  | 2e5 | ${ }^{1724}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.24 (17.40) min |  |  |  |  |
| [Calculated Conc]: | $0.3551 \mathrm{ng} / \mathrm{ml}$ | 0e0 | 16 |  | 19 |
| Area: | 2121211 |  |  | 1718 Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 0.77 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |



Analyte: PFTrDA t2 (662.7 / 169.2)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $5.810 \mathrm{e}+03$ | 17.26 | 0.0250 | 0.0264 |
| L2 | Standard | $2.956 \mathrm{e}+04$ | 17.26 | 0.1250 | 0.1252 |
| L3 | Standard | $1.214 \mathrm{e}+05$ | 17.26 | 0.5000 | 0.4630 |
| L4 | Standard | $6.108 \mathrm{e}+05$ | 17.26 | 2.5000 | 2.5498 |
| L5 | Standard | $1.849 \mathrm{e}+06$ | 17.26 | 7.5000 | 7.4603 |
| L6 | Standard | $3.344 \mathrm{e}+06$ | 17.26 | 15.0000 | 15.0693 |
| L7 | Standard | $4.608 \mathrm{e}+06$ | 17.26 | 20.0000 | 19.9558 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $3.773 \mathrm{e}+05$ | 17.24 | N/A | 1.3772 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $3.254 \mathrm{e}+05$ | 17.24 | N/A | 1.3977 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $2.058 \mathrm{e}+05$ | 17.24 | N/A | 2.1136 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $6.547 \mathrm{e}+04$ | 17.24 | N/A | 1.3147 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.286 \mathrm{e}+05$ | 17.25 | N/A | 0.4067 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.359 \mathrm{e}+05$ | 17.25 | N/A | 0.4224 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.932 \mathrm{e}+05$ | 17.24 | N/A | 0.3948 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.453 \mathrm{e}+05$ | 17.22 | N/A | 0.6225 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.449 \mathrm{e}+05$ | 17.24 | $\mathrm{~N} / \mathrm{A}$ | 0.3624 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |









| Ped-S |  | 20000 | 1724 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.24 (17.40) min |  |  |  |  |
| [Calculated Conc]: | $2.1136 \mathrm{ng} / \mathrm{ml}$ | 0 | $\begin{array}{lllll}16 & 17^{4} & 18 & 19 \\ & \text { Time, min }\end{array}$ |  |  |
| Area: | 205757 |  |  |  |  |
| Area Ratio Sample Type: | $0.52$ |  |  |  |  |


| Mara-B |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (17.40) min |  |  |
| [Calculated | N/A ng/ml |  |  |
| Conc]: |  |  |  |
| Area: | N/A |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Unknown) |  |  |







| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | $\sqrt{ } \sim \sqrt{ }{ }^{n} N \sim w$ |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{llll}16 & 17^{*} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |








| Avid-Spike |  |  |  | 1722 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.22 (17.40) min | 10000 |  |  |  |
| [Calculated Conc]: | $0.6225 \mathrm{ng} / \mathrm{ml}$ |  | 16 | $17^{+18}$ | 19 |
| Area: | 145347 |  |  | Time, min |  |
| Area Ratio | 0.15 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| SOIvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | - mun Nus |
| [Calculated Concl: | N/A ng/ml | 0 16 17 18 |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |




Analyte: PFDoA (612.7 / 568.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | 7.077e+03 | 16.44 | 0.0250 | 0.0256 |
| L2 | Standard | $2.203 \mathrm{e}+04$ | 16.44 | 0.1250 | 0.1130 |
| L3 | Standard | $9.669 \mathrm{e}+04$ | 16.44 | 0.5000 | 0.5250 |
| L4 | Standard | $4.567 \mathrm{e}+05$ | 16.44 | 2.5000 | 2.5658 |
| L5 | Standard | $1.392 \mathrm{e}+06$ | 16.44 | 7.5000 | 7.5501 |
| L6 | Standard | $2.427 \mathrm{e}+06$ | 16.44 | 15.0000 | 14.6008 |
| L7 | Standard | 3.513e+06 | 16.43 | 20.0000 | 20.2695 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $9.121 \mathrm{e}+03$ | 16.43 | N/A | 0.0428 |
| PB | Unknown | $2.897 \mathrm{e}+05$ | 16.43 | N/A | 1.6436 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $2.017 \mathrm{e}+05$ | 16.42 | N/A | 1.4685 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.212 \mathrm{e}+05$ | 16.42 | N/A | 1.4983 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $6.102 \mathrm{e}+04$ | 16.43 | N/A | 1.9043 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | 8.787e+04 | 16.43 | N/A | 0.4306 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $9.847 \mathrm{e}+04$ | 16.43 | N/A | 0.4620 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $2.979 \mathrm{e}+03$ | 16.40 | N/A | 0.0093 |
| 4 | Unknown | $3.229 \mathrm{e}+03$ | 16.41 | N/A | 0.0151 |
| 5 | Unknown | $4.393 \mathrm{e}+03$ | 16.41 | N/A | 0.0205 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.422 \mathrm{e}+05$ | 16.42 | N/A | 0.4761 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $4.196 \mathrm{e}+03$ | 16.58 | N/A | 0.1716 |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.253 \mathrm{e}+05$ | 16.40 | N/A | 0.7365 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.867 \mathrm{e}+05$ | 16.41 | $\mathrm{~N} / \mathrm{A}$ | O |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |










| Mara-S |  | 5000 | 16.43 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 16.43 (16.50) min |  |  |  |  |
| [Calculated Concl: | $1.9043 \mathrm{ng} / \mathrm{ml}$ |  | $15 \quad 16^{+} 1718$ |  |  |
| Area: | 61019 |  |  |  |  |
| Area Ratio Sample Type: | $\begin{aligned} & 0.45 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |








| 4 |  | 16.41 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 16.41 (16.50) min | $\sim$ |
| [Calculated | $0.0151 \mathrm{ng} / \mathrm{ml}$ | 0 15 16 17 |
| Area: | 3229 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | 16.41 (16.50) min | $\int$ ) |
| [Calculated Concl: | $0.0205 \mathrm{ng} / \mathrm{ml}$ | $0 \sim 1516^{+17} 18$ |
| Area: | 4393 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |



| Solvent Blank 6 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(16.50)$ min |  |
| [Calculated |  |  |
| Conc]: |  |  |
| Area: |  |  |
| Area Ratio |  |  |
| Sample Type: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| $\mathrm{N} / \mathrm{A}$ |  |  |
| (Blank) |  |  |$\quad 100$



| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.50) min | MMumNh wor |
| [Calculated Conc]: | N/A ng/ml | 15 16 <br>   <br> 17 18 |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |


| L3-CC3 |  | 10000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 16.41 (16.50) min |  |  |  |  |
| [Calculated Concl: | $0.4346 \mathrm{ng} / \mathrm{ml}$ |  | 15 | $16^{+17}$ | 18 |
| Area: | 186661 |  |  | Time, min |  |
| Area Ratio | 0.10 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.50) min | ${ }_{0} \operatorname{wns}^{\prime} \operatorname{mom}_{n}$ |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: PFDoA t2 (612.7 / 169.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | N/A | N/A | 0.0250 | N/A |
| L2 | Standard | N/A | N/A | 0.1250 | N/A |
| L3 | Standard | $7.626 \mathrm{e}+03$ | 16.44 | 0.5000 | 0.4862 |
| L4 | Standard | $3.075 \mathrm{e}+04$ | 16.43 | 2.5000 | 2.5650 |
| L5 | Standard | $9.296 \mathrm{e}+04$ | 16.44 | 7.5000 | 7.6484 |
| L6 | Standard | $1.620 \mathrm{e}+05$ | 16.43 | 15.0000 | 14.5013 |
| L7 | Standard | $2.414 \mathrm{e}+05$ | 16.43 | 20.0000 | 20.2996 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.172 \mathrm{e}+04$ | 16.43 | N/A | 1.7859 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.949 \mathrm{e}+04$ | 16.41 | N/A | 2.0851 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.727 \mathrm{e}+04$ | 16.42 | N/A | 3.2143 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $5.420 \mathrm{e}+03$ | 16.43 | N/A | 2.5115 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.500 \mathrm{e}+03$ | 16.43 | N/A | 0.4131 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.753 \mathrm{e}+03$ | 16.43 | N/A | 0.4056 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | 1.044e+04 | 16.42 | N/A | 0.3818 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.082 \mathrm{e}+04$ | 16.40 | N/A | 0.8421 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.638 \mathrm{e}+04$ | 16.41 | $\mathrm{~N} / \mathrm{A}$ | 0.4355 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |








| Ped-B |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(16.50) \mathrm{min}$ | 500 |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | $\widetilde{15}$ | $16 \times 17$ | 18 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A <br> (Unknown) |  |  |  |  |


| Ped-S |  | 1000 | 16.42 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 16.42 (16.50) min |  |  |  |  |
| [Calculated Conc]: | $3.2143 \mathrm{ng} / \mathrm{ml}$ |  | 15 | $16^{+17}$ | 18 |
| Area: | 17273 |  |  | Time, min |  |
| Area Ratio | 0.05 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.50) min | awowhwnaving |
| [Calculated Conc]: | N/A ng/ml | $0 \times 15 \quad 16 \times 17 \quad 18$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |





SCIEX

| L3-CC1 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 16.43 (16.50) min |  |  |  |  |
| [Calculated Conc]: | $0.4056 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Area: | 7753 |  |  | Time, min |  |
| Area Ratio | 0.01 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |













| SOlvent Blank 7 |  | 20 |
| :--- | :--- | :---: |
| RT (Exp. RT): | N/A (16.50) min | 0 |
| [Calculated | N/A ng/ml |  |
| Conc]: | N/A |  |
| Area: <br> Area Ratio <br> Sample Type: | N/A |  |
| (Blank) |  |  |




Analyte: PFUdA (562.7 / 518.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $4.234 \mathrm{e}+03$ | 15.56 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $5.211 \mathrm{e}+04$ | 15.60 | 0.0250 | 0.0248 |
| L2 | Standard | $2.445 \mathrm{e}+05$ | 15.60 | 0.1250 | 0.1194 |
| L3 | Standard | $1.093 \mathrm{e}+06$ | 15.59 | 0.5000 | 0.5039 |
| L4 | Standard | $5.389 \mathrm{e}+06$ | 15.60 | 2.5000 | 2.6460 |
| L5 | Standard | $1.595 \mathrm{e}+07$ | 15.59 | 7.5000 | 7.5978 |
| L6 | Standard | $2.864 \mathrm{e}+07$ | 15.59 | 15.0000 | 14.2303 |
| L7 | Standard | $4.043 \mathrm{e}+07$ | 15.59 | 20.0000 | 20.5296 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.489 \mathrm{e}+04$ | 15.58 | N/A | 0.0150 |
| PB | Unknown | $3.291 \mathrm{e}+06$ | 15.58 | N/A | 1.6614 |
| Ob-B | Unknown | $1.432 \mathrm{e}+04$ | 15.58 | N/A | 0.0098 |
| Ob-S | Unknown | $2.634 \mathrm{e}+06$ | 15.58 | N/A | 1.5459 |
| Ped-B | Unknown | $7.589 \mathrm{e}+03$ | 15.58 | N/A | 0.0586 |
| Ped-S | Unknown | $1.432 \mathrm{e}+06$ | 15.58 | N/A | 9.5626 |
| Mara-B | Unknown | $5.894 \mathrm{e}+03$ | 15.57 | N/A | 0.0150 |
| Mara-S | Unknown | $6.659 \mathrm{e}+05$ | 15.58 | N/A | 2.3581 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.205 \mathrm{e}+06$ | 15.59 | N/A | 0.5353 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.292 \mathrm{e}+06$ | 15.59 | N/A | 0.5556 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $9.102 \mathrm{e}+03$ | 15.58 | N/A | 0.0087 |
| 1 | Unknown | $1.072 \mathrm{e}+04$ | 15.57 | N/A | 0.0072 |
| 2 | Unknown | $5.683 \mathrm{e}+03$ | 15.56 | N/A | 0.0203 |
| 3 | Unknown | $1.058 \mathrm{e}+04$ | 15.56 | N/A | 0.0083 |
| 4 | Unknown | $1.079 \mathrm{e}+04$ | 15.58 | N/A | 0.0078 |
| 5 | Unknown | $9.598 \mathrm{e}+03$ | 15.58 | N/A | 0.0082 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.778 \mathrm{e}+06$ | 15.58 | N/A | 0.5675 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | $1.019 \mathrm{e}+04$ | 15.57 | N/A | 0.0347 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $3.161 \mathrm{e}+04$ | 15.78 | N/A | 0.0951 |
| Avid | Unknown | 8.792e+03 | 15.57 | N/A | 0.0074 |
| Avid-Spike | Unknown | $1.479 \mathrm{e}+06$ | 15.56 | N/A | 0.9108 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.450 \mathrm{e}+06$ | 15.57 | $\mathrm{~N} / \mathrm{A}$ | 0.6164 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |







| Mara-S |  |  | ${ }^{15.58}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.58 (15.60) min |  |  |  |  |  |
| [Calculated Conc]: | $2.3581 \mathrm{ng} / \mathrm{ml}$ |  | 14 | $15^{+16}$ | 17 | 18 |
| Area: | 665907 |  |  | Time, min |  |  |
| Area Ratio Sample Type: | $5.16$ <br> (Unknown) |  |  |  |  |  |





| 4 |  | 1000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.58 (15.60) min |  |  |  |  |
| [Calculated | 0.0078 ng/ml |  |  | $15^{16}$ |  |
| Conc]: |  |  | 14 | $15 \quad 16 \quad 17$ | 18 |
| Area: | 10794 |  |  | Time, min |  |
| Area Ratio | 0.01 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |









Analyte: PFUdA t2 (562.7 / 168.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | $\begin{gathered} \text { Sample } \\ \text { Type } \end{gathered}$ | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $4.703 \mathrm{e}+03$ | 15.59 | 0.0250 | 0.0240 |
| L2 | Standard | $2.181 \mathrm{e}+04$ | 15.60 | 0.1250 | 0.1239 |
| L3 | Standard | $9.374 \mathrm{e}+04$ | 15.59 | 0.5000 | 0.5227 |
| L4 | Standard | $4.469 \mathrm{e}+05$ | 15.59 | 2.5000 | 2.5319 |
| L5 | Standard | $1.360 \mathrm{e}+06$ | 15.59 | 7.5000 | 7.3930 |
| L6 | Standard | $2.518 \mathrm{e}+06$ | 15.59 | 15.0000 | 15.0776 |
| L7 | Standard | $3.488 \mathrm{e}+06$ | 15.59 | 20.0000 | 19.9770 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.845 \mathrm{e}+05$ | 15.58 | N/A | 1.6323 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $2.173 \mathrm{e}+05$ | 15.58 | N/A | 1.6019 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.202 \mathrm{e}+05$ | 15.58 | N/A | 1.5045 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $5.445 \mathrm{e}+04$ | 15.58 | N/A | 1.7171 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.054 \mathrm{e}+05$ | 15.58 | N/A | 0.5332 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.094 \mathrm{e}+05$ | 15.58 | N/A | 0.5289 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.500 \mathrm{e}+05$ | 15.58 | N/A | 0.5171 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $2.214 \mathrm{e}+03$ | 15.78 | N/A | 0.0961 |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.225 \mathrm{e}+05$ | 15.56 | N/A | 0.7346 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.112 \mathrm{e}+05$ | 15.57 | $\mathrm{~N} / \mathrm{A}$ | 0.5077 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |








| Solvent Bloank |  | 50 | $\operatorname{sum} \Delta \Delta m$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.60) min |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  | 14 | 15 16 17 <br> Time, $\min$ 18  <br>    |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| L3-CC1 |  | 10000 | ${ }^{1558}$ |  |  |
| RT (Exp. RT): | 15.58 (15.60) min |  |  |  |  |
| [Calculated | $0.5332 \mathrm{ng} / \mathrm{ml}$ |  |  | $\begin{array}{llll}15^{*} & 16 & 17 & 18 \\ \text { Time, } \min \end{array}$ |  |
| Conc]: |  |  | 14 |  |  |
| Area: | 105381 |  |  |  |  |
| Area Ratio Sample Type: | ${ }_{\text {O }}^{0.12}$ (Unknown) |  |  |  |  |



SCIEX

| L3-CC1 |  | 10000 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.58 (15.60) min | $0$ |  |  |  |  |
| [Calculated Conc]: | $0.5289 \mathrm{ng} / \mathrm{ml}$ |  | 14 | $15{ }^{*} 16$ <br> Time, min |  |  |
| Area: | 109394 |  |  |  |  |  |
| Area Ratio | $0.12$ |  |  |  |  |  |


| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.60) min |  |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{lllll} & 14 & 15\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |














Analyte: PFDA (512.8 / 468.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $6.028 \mathrm{e}+03$ | 14.72 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | 7.283e+04 | 14.74 | 0.0250 | 0.0256 |
| L2 | Standard | $2.683 \mathrm{e}+05$ | 14.75 | 0.1250 | 0.1206 |
| L3 | Standard | $1.100 \mathrm{e}+06$ | 14.75 | 0.5000 | 0.4898 |
| L4 | Standard | $5.380 \mathrm{e}+06$ | 14.75 | 2.5000 | 2.5905 |
| L5 | Standard | $1.619 \mathrm{e}+07$ | 14.75 | 7.5000 | 7.6197 |
| L6 | Standard | $2.915 \mathrm{e}+07$ | 14.75 | 15.0000 | 14.4125 |
| L7 | Standard | $4.012 \mathrm{e}+07$ | 14.75 | 20.0000 | 20.3933 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $8.741 \mathrm{e}+04$ | 14.74 | N/A | 0.0409 |
| PB | Unknown | 3.186e+06 | 14.74 | N/A | 1.5730 |
| Ob-B | Unknown | $5.289 \mathrm{e}+04$ | 14.73 | N/A | 0.0247 |
| Ob-S | Unknown | $2.676 \mathrm{e}+06$ | 14.74 | N/A | 1.5357 |
| Ped-B | Unknown | $1.167 e+04$ | 14.73 | N/A | 0.0799 |
| Ped-S | Unknown | $2.133 \mathrm{e}+05$ | 14.73 | N/A | 1.3770 |
| Mara-B | Unknown | $1.376 \mathrm{e}+04$ | 14.73 | N/A | 0.0249 |
| Mara-S | Unknown | $4.553 \mathrm{e}+05$ | 14.73 | N/A | 1.5754 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.016 \mathrm{e}+06$ | 14.74 | N/A | 0.4349 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.112 \mathrm{e}+06$ | 14.74 | N/A | 0.4615 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.516 \mathrm{e}+04$ | 14.73 | N/A | 0.0137 |
| 1 | Unknown | $4.175 \mathrm{e}+04$ | 14.71 | N/A | 0.0163 |
| 2 | Unknown | $5.639 \mathrm{e}+03$ | 14.71 | N/A | 0.0118 |
| 3 | Unknown | $3.882 \mathrm{e}+04$ | 14.72 | N/A | 0.0191 |
| 4 | Unknown | $3.540 \mathrm{e}+04$ | 14.72 | N/A | 0.0146 |
| 5 | Unknown | $3.581 \mathrm{e}+04$ | 14.72 | N/A | 0.0190 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.490 \mathrm{e}+06$ | 14.73 | N/A | 0.4591 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $1.217 \mathrm{e}+04$ | 14.72 | N/A | 0.0286 |
| Avid | Unknown | $2.711 \mathrm{e}+04$ | 14.71 | N/A | 0.0123 |
| Avid-Spike | Unknown | $1.244 \mathrm{e}+06$ | 14.71 | N/A | 0.7440 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.876 \mathrm{e}+06$ | 14.72 | $\mathrm{~N} / \mathrm{A}$ | 0.4556 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |




| L3 |  | $1 e 5$ <br> 0 e 0 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT（Exp．RT）： | 14.75 （14．80）min |  |  |  |
| ［Calculated Conc］： | $0.4898 \mathrm{ng} / \mathrm{ml}$ |  | $14{ }_{\text {time，min }} 161617$Time |  |
| Area： | 1099749 |  |  |  |
| Area Ratio | $1.11$ |  | Time，min |  |
| L4 |  | 5e5 | ${ }^{14,755}$ |  |
|  |  |  |  |
| RT（Exp．RT）： | 14.75 （14．80）min |  |  |  |
| ［Calculated Concl： | $2.5905 \mathrm{ng} / \mathrm{ml}$ |  | Oe0 | $\begin{gathered} 14{ }_{\text {Time, } \min } 16 \end{gathered}$ |  |
| Area： | 5379596 |  |  |  |  |
| Area Ratio | 5.78 <br> （Standard） |  |  |  |  |
| Sample Type： |  |  |  |  |  |
| L5 |  |  | 14.75 |  |  |
| RT（Exp．RT）： | 14.75 （14．80）min |  |  |  |  |
| ［Calculated Concl： | $7.6197 \mathrm{ng} / \mathrm{ml}$ | 0e0 | $\begin{gathered} 14{ }^{15}{ }^{16} \\ \text { Time, } \min \end{gathered}$ |  |  |
| Area： | 16192226 |  |  |  |  |
| Area Ratio | 16.76 <br> （Standard） |  |  |  |  |
| Sample Type： |  |  |  |  |  |
| L6 |  |  | ${ }^{14.75}$ |  |  |
| RT（Exp．RT）： | 14.75 （14．80）min |  |  |  |  |
| ［Calculated Conc］： | $14.4125 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{gathered} 14{ }_{\text {Time, } \min } 16 \end{gathered}$ |  |  |
| Area： | 29146701 |  |  |  |  |
| Area Ratio | $\begin{aligned} & \begin{array}{l} 31.16 \\ \text { (Standard) } \\ \hline \hline \end{array} ⿳ ⺈ ⿴ 囗 十 一 ~ \end{aligned}$ |  |  |  |  |
| Sample Type： |  |  |  |  |  |
| L7 |  |  | 14.75 |  |  |
| RT（Exp．RT）： | 14.75 （14．80）min |  |  |  |  |
| ［Calculated Concl： | $20.3933 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{gathered} 14{ }^{1} 15{ }^{16} \\ \text { Time, } \min \end{gathered}$ |  |  |
| Area： | 40117147 |  |  |  |  |
| Area Ratio | 43.45 <br> （Standard） |  |  |  |  |
| Sample Type： |  |  |  |  |  |
| Solvent Blank 2 |  | 1000 |  |  |  |
| RT（Exp．RT）： | N／A（14．80）min |  |  |  |  |
| ［Calculated | N／A ng／ml |  |  |  |  |
| Conc］： |  |  | $\begin{array}{llll}14 & 15 & 16 & 17\end{array}$ |  |  |
| Area： | N／A |  | Time，min |  |  |
| Area Ratio | N／A |  |  |  |  |
| Sample Type： | （Blank） |  |  |  |  |





| Solvent Bloank3 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.80) min |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | $\begin{aligned} & 14 \quad 15 \quad 1617 \\ & \text { Time, } \min \end{aligned}$ |  |
| Area: | N/A |  |  |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |
| L3-CC1 |  | 1 e 5 |  |  |
| RT (Exp. RT): | 14.74 (14.80) min |  |  |  |
| [Calculated Concl: | $0.4349 \mathrm{ng} / \mathrm{ml}$ | Oe0 | $14{ }^{\text {ta }} 151617$Time, min |  |
| Area: | 1015567 |  |  |  |
| Area Ratio | 0.99 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |




| 4 |  | 0 |  | 14.72 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.72 (14.80) min |  |  |  |  |
| [Calculated Concl: | $0.0146 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14 \quad 15 \quad 16$ |  |
| Area: | 35401 |  |  | Time, min |  |
| Area Ratio | 0.05 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| 5 |  | 14.72 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 14.72 (14.80) min |  |
| [Calculated | $0.0190 \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 13 & 14 & 15 & 16 & 17\end{array}$ |
| Area: | 35809 | Time, min |
| Area Ratio | 0.06 |  |
| Sample Type: | (Unknown) |  |








Analyte: PFDA t2 (512.8 / 268.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | $\begin{gathered} \text { Sample } \\ \text { Type } \end{gathered}$ | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.021 \mathrm{e}+04$ | 14.74 | 0.0250 | 0.0243 |
| L2 | Standard | $3.853 \mathrm{e}+04$ | 14.75 | 0.1250 | 0.1184 |
| L3 | Standard | $1.706 \mathrm{e}+05$ | 14.75 | 0.5000 | 0.5206 |
| L4 | Standard | $7.980 \mathrm{e}+05$ | 14.75 | 2.5000 | 2.6288 |
| L5 | Standard | $2.357 \mathrm{e}+06$ | 14.75 | 7.5000 | 7.5757 |
| L6 | Standard | $4.234 \mathrm{e}+06$ | 14.74 | 15.0000 | 14.2745 |
| L7 | Standard | $5.924 \mathrm{e}+06$ | 14.74 | 20.0000 | 20.5102 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.367 \mathrm{e}+04$ | 14.74 | N/A | 0.0443 |
| PB | Unknown | $4.489 \mathrm{e}+05$ | 14.74 | N/A | 1.5160 |
| Ob-B | Unknown | $7.001 \mathrm{e}+03$ | 14.73 | N/A | 0.0218 |
| Ob-S | Unknown | $3.925 \mathrm{e}+05$ | 14.73 | N/A | 1.5411 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $3.021 \mathrm{e}+04$ | 14.74 | N/A | 1.3345 |
| Mara-B | Unknown | $2.011 \mathrm{e}+03$ | 14.73 | N/A | 0.0250 |
| Mara-S | Unknown | $6.637 \mathrm{e}+04$ | 14.73 | N/A | 1.5713 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.487 \mathrm{e}+05$ | 14.74 | N/A | 0.4359 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.629 \mathrm{e}+05$ | 14.74 | N/A | 0.4628 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $3.858 \mathrm{e}+03$ | 14.73 | N/A | 0.0147 |
| 1 | Unknown | 7.467e+03 | 14.71 | N/A | 0.0215 |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $6.149 \mathrm{e}+03$ | 14.73 | N/A | 0.0214 |
| 4 | Unknown | $5.365 \mathrm{e}+03$ | 14.72 | N/A | 0.0154 |
| 5 | Unknown | $8.355 \mathrm{e}+03$ | 14.73 | N/A | 0.0345 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.166 \mathrm{e}+05$ | 14.73 | N/A | 0.4567 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $1.081 \mathrm{e}+04$ | 14.96 | N/A | 0.2090 |
| Avid | Unknown | $4.111 \mathrm{e}+03$ | 14.71 | N/A | 0.0131 |
| Avid-Spike | Unknown | $1.646 \mathrm{e}+05$ | 14.71 | N/A | 0.6730 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.651 \mathrm{e}+05$ | 14.72 | $\mathrm{~N} / \mathrm{A}$ | 0.4405 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |






| Mara-B |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.73 (14.80) min |  |  |  |
| [Calculated | $0.0250 \mathrm{ng} / \mathrm{ml}$ |  |  |  |
| Area: | 2011 |  |  |  |
| Area Ratio | 0.01 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| Mara-S |  | 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.73 (14.80) min |  |  |  |  |
| [Calculated Concl: | $1.5713 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14 \quad 16$ | 17 |
| Area: | 66368 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 0.51 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |




SCIEX



| 5 |  | 14.73 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 14.73 (14.80) min |  |
| [Calculated | $0.0345 \mathrm{ng} / \mathrm{ml}$ | 0 |
| Conc]: |  | $\begin{array}{lllll}13 & 14 & 15 & 16 & 17\end{array}$ |
| Area: | 8355 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |








Analyte: PFDS (598.7 / 80.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $2.757 \mathrm{e}+04$ | 16.88 | 0.0250 | 0.0252 |
| L2 | Standard | $1.505 \mathrm{e}+05$ | 16.88 | 0.1250 | 0.1216 |
| L3 | Standard | $6.692 \mathrm{e}+05$ | 16.88 | 0.5000 | 0.5160 |
| L4 | Standard | $3.055 \mathrm{e}+06$ | 16.88 | 2.5000 | 2.4975 |
| L5 | Standard | $9.203 \mathrm{e}+06$ | 16.88 | 7.5000 | 7.2493 |
| L6 | Standard | $1.634 \mathrm{e}+07$ | 16.88 | 15.0000 | 15.6378 |
| L7 | Standard | $2.190 \mathrm{e}+07$ | 16.88 | 20.0000 | 19.6032 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.053 \mathrm{e}+06$ | 16.87 | N/A | 1.6300 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.085 \mathrm{e}+06$ | 16.86 | N/A | 2.5343 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.501 \mathrm{e}+05$ | 16.86 | N/A | 3.3597 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $5.680 \mathrm{e}+05$ | 16.86 | N/A | 1.7174 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $6.802 \mathrm{e}+05$ | 16.87 | N/A | 0.5898 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.312 \mathrm{e}+05$ | 16.87 | N/A | 0.5793 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $9.376 \mathrm{e}+05$ | 16.86 | N/A | 0.5859 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $3.322 \mathrm{e}+05$ | 16.85 | N/A | 1.0405 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.284 \mathrm{e}+06$ | 16.86 | $\mathrm{~N} / \mathrm{A}$ | 0.6623 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min |  |  |  |
| [Calculated Concl: | N/A ng/ml |  |  |  |
| Area: | N/A | Time, min |  |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| PB |  | 2 e 5 |  |  |
| RT (Exp. RT): | 16.87 (16.90) min |  |  |  |
| [Calculated Concl: | $1.6300 \mathrm{ng} / \mathrm{ml}$ | $0 \mathrm{e} 0 \frac{}{1}$ | 1617 |  |
| Area: | 2052808 |  | Time, min |  |
| Area Ratio | 2.58 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-B |  |  |  |  |
| RT (Exp. RT): | N/A (16.90) min | 0 O-m |  |  |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |  |  |  |  |
| Conc]: |  | $\begin{array}{lllll}16 & 17 & 18 & 19\end{array}$ |  |  |
| Area: | N/A | Time, min |  |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-S |  | 1 5 | 16.86 |  |
| RT (Exp. RT): | 16.86 (16.90) min |  |  |  |
| [Calculated | $2.5343 \mathrm{ng} / \mathrm{ml}$ | Oe0 |  |  |
| Conc]: | $2.5343 \mathrm{ng} / \mathrm{ml}$ | Oe | $16 \quad 17 \quad 18$ |  |
| Area: | 1085439 |  | Time, min |  |
| Area Ratio Sample Type: | 4.00 (Unknown) |  |  |  |




| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min | , MNM |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |




| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min | , |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llll}16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | (Blank) |  |
| Solvent Bloank |  |  |
| RT (Exp. RT): | N/A (16.90) min | $\text { Nhand } 1$ |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llll}16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |


| L3-CC1 |  |  | 16.87 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 16.87 (16.90) min |  |  |  |
| [Calculated Conc]: | $0.5793 \mathrm{ng} / \mathrm{ml}$ | $0 \xrightarrow{15}$ | $16 \quad 17 \quad 18$ | 19 |
| Area: | 731204 |  | Time, min |  |
| Area Ratio | 0.92 |  |  |  |


| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min | $\text { Nurn } \sqrt{n}$ |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{lllll}15 & 16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| PB |  | 100 |
| :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (16.90) min | Nunvmun |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 15 & 16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| 1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min |  |
| [Calculated Concl: | N/A ng/ml | 15 16 17 18 19 |
| Area: | N/A | Time, min |
| Area Ratio Sample Type | N/A <br> (Unknown) |  |



| 3 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min |  | $M$ |  |
| [Calculated Conc]: | N/A ng/ml | 15 | $16 \quad 1718$ | 19 |
| Area: | N/A | Time, min |  |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min |  |
| [Calculated Concl: | N/A ng/ml | 0 15 16 17 18 |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min | Nhwh wrum |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llllll}0 & 15 & 16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |







| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min | : Minu Nownan |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llll}16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |

Analyte: PFDS t2 (598.7 / 98.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $7.380 \mathrm{e}+03$ | 16.88 | 0.0250 | 0.0252 |
| L2 | Standard | $3.700 \mathrm{e}+04$ | 16.88 | 0.1250 | 0.1223 |
| L3 | Standard | $1.531 \mathrm{e}+05$ | 16.88 | 0.5000 | 0.4898 |
| L4 | Standard | $7.795 \mathrm{e}+05$ | 16.88 | 2.5000 | 2.6382 |
| L5 | Standard | $2.270 \mathrm{e}+06$ | 16.88 | 7.5000 | 7.2961 |
| L6 | Standard | $3.972 \mathrm{e}+06$ | 16.88 | 15.0000 | 15.0698 |
| L7 | Standard | $5.704 \mathrm{e}+06$ | 16.88 | 20.0000 | 20.0089 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $5.043 \mathrm{e}+05$ | 16.86 | N/A | 1.6608 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $2.675 \mathrm{e}+05$ | 16.86 | N/A | 2.5847 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $3.714 \mathrm{e}+04$ | 16.86 | N/A | 3.4332 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.312 \mathrm{e}+05$ | 16.86 | N/A | 1.6450 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.670 \mathrm{e}+05$ | 16.87 | N/A | 0.6009 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.783 \mathrm{e}+05$ | 16.87 | N/A | 0.5863 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.384 \mathrm{e}+05$ | 16.86 | N/A | 0.6183 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $7.776 \mathrm{e}+04$ | 16.85 | N/A | 1.0112 |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | 2.992e+05 | 16.85 | N/A | 0.6405 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): <br> [Calculated <br> Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | N/A (16.90) min <br> N/A ng/ml <br> N/A <br> N/A <br> (Blank) |  |
| Solvent Blank1 |  |  |
| RT (Exp. RT): <br> [Calculated <br> Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | N/A (16.90) min <br> N/A ng/ml <br> N/A <br> N/A <br> (Blank) |  |





| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min | Whar Munns |
| [Calculated Concl: | N/A ng/ml | 0 16 17 18 |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |





SCIEX







| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min |  |
| [Calculated Conct: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | 0 15 16 17 18 <br> 19     |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |



| Solvent Blank 8 |  | 10 |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.90) min | $\because M D N M J N A M$ |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}16 & 17 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

SCIEX

Analyte: PFOS (498.7 / 79.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $5.428 \mathrm{e}+03$ | 15.21 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $4.121 \mathrm{e}+04$ | 15.19 | 0.0250 | 0.0265 |
| L2 | Standard | $1.859 \mathrm{e}+05$ | 15.18 | 0.1250 | 0.1217 |
| L3 | Standard | $7.563 \mathrm{e}+05$ | 15.18 | 0.5000 | 0.4837 |
| L4 | Standard | 3.698e+06 | 15.18 | 2.5000 | 2.5057 |
| L5 | Standard | $1.153 \mathrm{e}+07$ | 15.18 | 7.5000 | 7.4034 |
| L6 | Standard | 2.026e+07 | 15.18 | 15.0000 | 15.3006 |
| L7 | Standard | $2.847 \mathrm{e}+07$ | 15.18 | 20.0000 | 19.8085 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $7.277 \mathrm{e}+04$ | 15.18 | N/A | 0.0501 |
| PB | Unknown | $2.676 \mathrm{e}+06$ | 15.17 | N/A | 1.7653 |
| Ob-B | Unknown | $1.570 \mathrm{e}+04$ | 15.17 | N/A | 0.0275 |
| Ob-S | Unknown | $8.230 \mathrm{e}+05$ | 15.17 | N/A | 1.5900 |
| Ped-B | Unknown | $5.942 \mathrm{e}+03$ | 15.17 | N/A | 0.1080 |
| Ped-S | Unknown | $7.985 \mathrm{e}+04$ | 15.16 | N/A | 1.4733 |
| Mara-B | Unknown | $8.674 \mathrm{e}+03$ | 15.17 | N/A | 0.0181 |
| Mara-S | Unknown | $6.466 \mathrm{e}+05$ | 15.16 | N/A | 1.6231 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $6.739 \mathrm{e}+05$ | 15.18 | N/A | 0.4851 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.429 \mathrm{e}+05$ | 15.18 | N/A | 0.4885 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.044 \mathrm{e}+04$ | 15.17 | N/A | 0.0128 |
| 1 | Unknown | $2.039 \mathrm{e}+04$ | 15.15 | N/A | 0.0429 |
| 2 | Unknown | $1.831 \mathrm{e}+04$ | 15.15 | N/A | 0.0379 |
| 3 | Unknown | $6.044 \mathrm{e}+04$ | 15.15 | N/A | 0.0613 |
| 4 | Unknown | $4.198 \mathrm{e}+04$ | 15.16 | N/A | 0.0372 |
| 5 | Unknown | $2.746 \mathrm{e}+04$ | 15.16 | N/A | 0.0797 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $9.187 \mathrm{e}+05$ | 15.17 | N/A | 0.4765 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | $1.652 \mathrm{e}+04$ | 15.16 | N/A | 0.0198 |
| 9 | Unknown | $3.017 \mathrm{e}+03$ | 15.14 | N/A | 0.0079 |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $6.285 \mathrm{e}+03$ | 15.16 | N/A | 0.0202 |
| Avid-Spike | Unknown | $2.841 \mathrm{e}+05$ | 15.15 | N/A | 0.7394 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.087 \mathrm{e}+06$ | 15.16 | $\mathrm{~N} / \mathrm{A}$ | O |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  |  | 15.18 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.18 (15.20) min |  |  |  |
| [Calculated Concl: | $0.0501 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{array}{lcr} 14 & 15^{4} & 16 \\ & \text { Time, min } \end{array}$ |  |
| Area: | 72774 |  |  |  |
| Area Ratio | 0.10 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| PB |  | $\begin{aligned} & 2 \mathrm{e} 5 \\ & 0 \mathrm{e} 0 \end{aligned}$ | 15.17 |  |
| RT (Exp. RT): | 15.17 (15.20) min |  |  |  |
| [Calculated Conc]: | $1.7653 \mathrm{ng} / \mathrm{ml}$ |  | $14 \begin{gathered} 15 \\ \text { Time, min } \end{gathered}$ |  |
| Area: | 2676226 |  |  |  |
| Area Ratio | 3.36 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-B |  | 2000 |  |  |
| RT (Exp. RT): | 15.17 (15.20) min |  |  |  |
| [Calculated | $0.0275 \mathrm{ng} / \mathrm{ml}$ |  | $14 \begin{gathered} 15^{*} \\ \text { Time, min } \end{gathered}$ |  |
| Area: | 15701 |  |  |  |
| Area Ratio | 0.05 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-S |  |  |  |  |
| RT (Exp. RT): | 15.17 (15.20) min |  |  |  |
| [Calculated | $1.5900 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{array}{ccc} 14 & 15^{+} & 16 \\ \text { Time, } \mathrm{min} \end{array}$ |  |
| Conc]: |  |  |  |  |
| Area: | 823029 |  |  |  |
| Area Ratio | 3.03 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ped-B |  | 1000 |  |  |
| RT (Exp. RT): | 15.17 (15.20) min |  |  |  |
| [Calculated | $0.1080 \mathrm{ng} / \mathrm{ml}$ |  | $14 \quad 15 \quad 16$ |  |
| Area: | 5942 |  | Time, min |  |
| Area Ratio | 0.21 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ped-S |  |  | 15.16 |  |
| RT (Exp. RT): | 15.16 (15.20) min |  |  |  |
| [Calculated Conc]: | $1.4733 \mathrm{ng} / \mathrm{ml}$ |  | $14 \quad 15^{+} \quad 16$ | 17 |
| Area: | 79848 |  | Time, min |  |
| Area Ratio | 2.81 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |









| Solvent Blank 5 |  | 0 | $\sqrt{n}^{M}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.20) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 14 | $15 \times 16$ | 17 |
| Area: | N/A |  | Time, min |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| L3-CC2 |  |  | ${ }^{15,17}$ |  |  |
| RT (Exp. RT): | 15.17 (15.20) min |  |  |  |  |
| [Calculated | $0.4765 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Conc]: |  |  | 14 |  | 17 |
| Area: | 918684 |  |  | Time, min |  |
| Area Ratio Sample Type: | 0.91 (Unknown) |  |  |  |  |







Analyte: PFOS t2 (498.7 / 98.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | Instrument Name | QTRAP 6500+ Low Mass |
| 2roject | PFAS |  |  |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $2.577 \mathrm{e}+03$ | 15.18 | 0.0250 | 0.0253 |
| L2 | Standard | $1.255 \mathrm{e}+04$ | 15.19 | 0.1250 | 0.1287 |
| L3 | Standard | $4.772 \mathrm{e}+04$ | 15.18 | 0.5000 | 0.4805 |
| L4 | Standard | $2.365 \mathrm{e}+05$ | 15.18 | 2.5000 | 2.5167 |
| L5 | Standard | $7.321 \mathrm{e}+05$ | 15.18 | 7.5000 | 7.3214 |
| L6 | Standard | $1.333 \mathrm{e}+06$ | 15.18 | 15.0000 | 15.4457 |
| L7 | Standard | $1.864 \mathrm{e}+06$ | 15.18 | 20.0000 | 19.7315 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.345 \mathrm{e}+03$ | 15.17 | N/A | 0.0464 |
| PB | Unknown | $1.749 \mathrm{e}+05$ | 15.17 | N/A | 1.8139 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $5.360 \mathrm{e}+04$ | 15.17 | N/A | 1.6290 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $5.999 \mathrm{e}+03$ | 15.16 | N/A | 1.7416 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $4.115 \mathrm{e}+04$ | 15.16 | N/A | 1.6251 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.404 \mathrm{e}+04$ | 15.18 | N/A | 0.4991 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.990 \mathrm{e}+04$ | 15.18 | N/A | 0.5166 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $6.357 \mathrm{e}+03$ | 15.15 | N/A | 0.1007 |
| 4 | Unknown | $3.914 \mathrm{e}+03$ | 15.14 | N/A | 0.0538 |
| 5 | Unknown | $2.679 \mathrm{e}+03$ | 15.14 | N/A | 0.1217 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | 5.702e+04 | 15.17 | N/A | 0.4656 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $3.569 \mathrm{e}+03$ | 15.43 | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.101 \mathrm{e}+04$ | 15.15 | N/A | 0.8610 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |
| L3-CC3 | Unknown | $6.895 \mathrm{e}+04$ | 15.15 | $\mathrm{~N} / \mathrm{A}$ | 0.4648 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |






| Mara-B |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (15.40) min |  |  |
| [Calculated | N/A ng/ml |  |  |
| Conc]: | N/A |  |  |
| Area: |  |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Unknown) |  |  |


| Mara-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.16 (15.16) min |  |  |  |  |
| [Calculated Conc]: | $1.6251 \mathrm{ng} / \mathrm{ml}$ |  | 14 | 1516 | 17 |
| Area: | 41152 |  |  | Time, min |  |
| Area Ratio Sample Type: | $0.20$ |  |  |  |  |








| 4 |  | ${ }^{15.14}$ |
| :---: | :---: | :---: |
| RT (Exp. RT): | 15.14 (15.14) min | $\square \sim$ |
| [Calculated Concl: | $0.0538 \mathrm{ng} / \mathrm{ml}$ | $1 \sim 14$ |
| Area: | 3914 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |


| 5 |  | 15.14 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 15.14 (15.14) min | 1 |
| [Calculated | $0.1217 \mathrm{ng} / \mathrm{ml}$ | $0 \sim 14 \begin{array}{lllll} & 15 & 16 & 17\end{array}$ |
| Conc]: |  | 14151617 |
| Area: | 2679 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |





| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.40) min | $A \wedge \sqrt{n} \wedge \sqrt{n}$ |
| [Calculated Concl: | N/A ng/ml | $01415 \times 16$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |




Analyte: PFNA (462.8 / 418.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name |  |  |  | $\begin{array}{c}\text { Sample } \\ \text { Type }\end{array}$ | Area (cps) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| RT |  |  |  |  |  |
| (min) |  |  |  |  |  |$)$


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.557 \mathrm{e}+06$ | 13.86 | $\mathrm{~N} / \mathrm{A}$ | 0.5164 |
| Solvent Blank 8 | Blank | $5.581 \mathrm{e}+03$ | 14.19 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |







| Mara-S |  | 0 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 13.84 (14.00) min |  |  |  |  |  |
| [Calculated Conc]: | $1.5380 \mathrm{ng} / \mathrm{ml}$ |  | 12 |  | 314 | 16 |
| Area: | 279365 |  |  |  | Time, min |  |
| Area Ratio Sample Type: | $3.00$ (Unknown) |  |  |  |  |  |





| 4 |  | ${ }^{1386}$ |
| :---: | :---: | :---: |
| RT (Exp. RT): | 13.86 (14.00) min | 1 |
| [Calculated Concl: | $0.0080 \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 12 & 13 & 14 & 15 & 16\end{array}$ |
| Area: | 5537 | Time, min |
| Area Ratio Sample Type: | $0.01$ <br> (Unknown) |  |









Analyte: PFNA t2 (462.8 / 218.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.164 \mathrm{e}+04$ | 13.89 | 0.0250 | 0.0253 |
| L2 | Standard | $5.377 \mathrm{e}+04$ | 13.89 | 0.1250 | 0.1201 |
| L3 | Standard | $2.532 \mathrm{e}+05$ | 13.89 | 0.5000 | 0.5092 |
| L4 | Standard | $1.207 \mathrm{e}+06$ | 13.89 | 2.5000 | 2.5075 |
| L5 | Standard | $3.744 \mathrm{e}+06$ | 13.89 | 7.5000 | 7.6938 |
| L6 | Standard | $6.794 \mathrm{e}+06$ | 13.89 | 15.0000 | 14.4625 |
| L7 | Standard | $9.709 \mathrm{e}+06$ | 13.89 | 20.0000 | 20.3322 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $9.707 \mathrm{e}+03$ | 13.88 | N/A | 0.0264 |
| PB | Unknown | $6.615 \mathrm{e}+05$ | 13.88 | N/A | 1.5964 |
| Ob-B | Unknown | $1.820 \mathrm{e}+04$ | 14.02 | N/A | 0.0521 |
| Ob-S | Unknown | $5.793 \mathrm{e}+05$ | 13.88 | N/A | 1.6300 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $2.508 \mathrm{e}+05$ | 13.88 | N/A | 1.5080 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $6.547 \mathrm{e}+04$ | 13.84 | N/A | 1.3963 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.280 \mathrm{e}+05$ | 13.88 | N/A | 0.5300 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.293 \mathrm{e}+05$ | 13.88 | N/A | 0.4924 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | $4.154 \mathrm{e}+03$ | 13.86 | N/A | 0.0133 |
| 2 | Unknown | $4.603 \mathrm{e}+03$ | 13.90 | N/A | 0.0172 |
| 3 | Unknown | $3.856 \mathrm{e}+03$ | 13.86 | N/A | 0.0150 |
| 4 | Unknown | $3.439 \mathrm{e}+03$ | 13.86 | N/A | 0.0146 |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $3.119 \mathrm{e}+05$ | 13.87 | N/A | 0.5245 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $4.700 \mathrm{e}+03$ | 13.99 | N/A | 0.0636 |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.692 \mathrm{e}+05$ | 13.86 | N/A | 0.7875 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $4.005 \mathrm{e}+05$ | 13.86 | $\mathrm{~N} / \mathrm{A}$ | 0.5140 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |






| Mara-B |  | 100 | $\operatorname{mon} \min ^{\text {mingun}}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.00) min |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  | $1314 \begin{array}{lll}14 & 15\end{array}$ | 16 |
| Area: | N/A |  | Time, min |  |
| Area Ratio | N/A |  |  |  |





SCIEX





| 2 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | 13.90 (14.00) min | 1 |
| [Calculated Conc]: | $0.0172 \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 12 & 13 & 14 & 15 & 16\end{array}$ |
| Area: | 4603 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |



| 4 |  | 1386 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 13.86 (14.00) min |  |
| [Calculated Concl: | $0.0146 \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 12 & 13 & 14 & 15\end{array}$ |
| Area: | 3439 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |









Analyte: PFNS (548.7 / 80.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | $\begin{gathered} \text { Sample } \\ \text { Type } \end{gathered}$ | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.448 \mathrm{e}+04$ | 16.04 | 0.0250 | 0.0247 |
| L2 | Standard | $1.857 \mathrm{e}+05$ | 16.04 | 0.1250 | 0.1278 |
| L3 | Standard | $7.453 \mathrm{e}+05$ | 16.04 | 0.5000 | 0.4970 |
| L4 | Standard | $3.545 \mathrm{e}+06$ | 16.04 | 2.5000 | 2.5095 |
| L5 | Standard | $1.082 \mathrm{e}+07$ | 16.04 | 7.5000 | 7.3414 |
| L6 | Standard | $1.891 \mathrm{e}+07$ | 16.04 | 15.0000 | 15.3885 |
| L7 | Standard | $2.607 \mathrm{e}+07$ | 16.04 | 20.0000 | 19.7612 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.382 \mathrm{e}+06$ | 16.03 | N/A | 1.6387 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $9.632 \mathrm{e}+05$ | 16.02 | N/A | 1.9428 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.476 \mathrm{e}+05$ | 16.02 | N/A | 2.8533 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $6.014 \mathrm{e}+05$ | 16.02 | N/A | 1.5743 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.747 \mathrm{e}+05$ | 16.03 | N/A | 0.5812 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $8.562 \mathrm{e}+05$ | 16.03 | N/A | 0.5869 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.095 \mathrm{e}+06$ | 16.02 | N/A | 0.5919 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $2.339 \mathrm{e}+04$ | 15.87 | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $3.315 \mathrm{e}+05$ | 16.01 | N/A | 0.8992 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | N/A | N/A |
| L3-CC3 | Unknown | $1.461 \mathrm{e}+06$ | 16.01 | $\mathrm{~N} / \mathrm{A}$ | 0.6520 |
| Solvent Blank 8 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | N/A | N/A |









| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{lllll}0 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |




| Solvent Blank 4 |  |  |  |
| :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |  |
| [Calculated Concl: | N/A ng/ml |  |  |
| Area: | N/A | Time, min |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |
| Solvent Bloank3 |  |  |  |
| RT (Exp. RT): | N/A (16.00) min | 20 | $r \sqrt[N M N]{N M}$ |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \quad 15 \quad 16 \quad 17 \quad 18$ |  |
| Area: | N/A | Time, min |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Blank) |  |  |

SCIEX

| L3-CC1 |  | 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 16.03 (16.00) min |  |  |  |  |
| [Calculated Conc]: | $0.5869 \mathrm{ng} / \mathrm{ml}$ |  | 15 | ${ }^{4} 6$ | 18 |
| Area: | 856235 |  |  | Time, min |  |
| Area Ratio Sample Type: | $1.07$ |  |  |  |  |


| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{lllll}0 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |







| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated Conc]: | N/A ng/ml | $0 \begin{array}{lllll}0 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |




| 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated Concl: | N/A ng/ml | 0 15 16 17 |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |
| 8 |  |  |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated | N/A ng/ml | $0 \sim \sim \sim \sim \sim$ |
| Conc]: |  | $15 \quad 146$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |




| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min | $M \Delta \Delta M A$ |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \begin{array}{llll}15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |




Analyte: PFNS t2 (548.7 / 99.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $7.804 \mathrm{e}+03$ | 16.03 | 0.0250 | 0.0253 |
| L2 | Standard | $4.233 \mathrm{e}+04$ | 16.03 | 0.1250 | 0.1298 |
| L3 | Standard | $1.641 \mathrm{e}+05$ | 16.04 | 0.5000 | 0.4862 |
| L4 | Standard | $7.700 \mathrm{e}+05$ | 16.04 | 2.5000 | 2.4302 |
| L5 | Standard | $2.399 \mathrm{e}+06$ | 16.04 | 7.5000 | 7.3475 |
| L6 | Standard | $4.190 \mathrm{e}+06$ | 16.04 | 15.0000 | 15.7609 |
| L7 | Standard | $5.513 \mathrm{e}+06$ | 16.03 | 20.0000 | 19.4690 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.947 \mathrm{e}+05$ | 16.03 | N/A | 1.5140 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $2.138 \mathrm{e}+05$ | 16.02 | N/A | 1.9208 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $2.872 \mathrm{e}+04$ | 16.01 | N/A | 2.4726 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.302 \mathrm{e}+05$ | 16.02 | N/A | 1.5173 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.753 \mathrm{e}+05$ | 16.03 | N/A | 0.5845 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.901 \mathrm{e}+05$ | 16.03 | N/A | 0.5792 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.414 \mathrm{e}+05$ | 16.02 | N/A | 0.5802 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $7.890 \mathrm{e}+04$ | 16.01 | N/A | 0.9518 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $3.265 \mathrm{e}+05$ | 16.01 | $\mathrm{~N} / \mathrm{A}$ | 0.6477 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |

















| 2 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | 01518 |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{lllll}0 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 5 |  | 50 |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min | $\checkmark \wedge$ Whan |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |










Analyte: PFOA (412.8 / 368.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $2.541 \mathrm{e}+04$ | 13.37 | N/A | N/A |
| Solvent Blank1 | Blank | $5.927 \mathrm{e}+04$ | 13.38 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.781 \mathrm{e}+04$ | 13.01 | 0.0250 | 0.0251 |
| L2 | Standard | $1.577 \mathrm{e}+05$ | 13.01 | 0.1250 | 0.1290 |
| L3 | Standard | $6.351 \mathrm{e}+05$ | 13.01 | 0.5000 | 0.4863 |
| L4 | Standard | $3.079 \mathrm{e}+06$ | 13.01 | 2.5000 | 2.4844 |
| L5 | Standard | $9.203 \mathrm{e}+06$ | 13.01 | 7.5000 | 7.3383 |
| L6 | Standard | $1.840 \mathrm{e}+07$ | 13.01 | 15.0000 | 15.4989 |
| L7 | Standard | $2.565 \mathrm{e}+07$ | 13.01 | 20.0000 | 19.6881 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $6.855 \mathrm{e}+04$ | 13.01 | N/A | 0.0765 |
| PB | Unknown | $1.468 \mathrm{e}+06$ | 13.00 | N/A | 1.6860 |
| Ob-B | Unknown | $4.594 \mathrm{e}+04$ | 13.00 | N/A | 0.0429 |
| Ob-S | Unknown | $1.669 \mathrm{e}+06$ | 13.00 | N/A | 1.7049 |
| Ped-B | Unknown | $2.451 \mathrm{e}+04$ | 13.00 | N/A | 0.0641 |
| Ped-S | Unknown | $6.661 \mathrm{e}+05$ | 12.99 | N/A | 1.4507 |
| Mara-B | Unknown | $1.949 \mathrm{e}+04$ | 12.96 | N/A | 0.0813 |
| Mara-S | Unknown | $3.021 \mathrm{e}+05$ | 12.96 | N/A | 1.9908 |
| Solvent Bloank3 | Blank | $4.438 \mathrm{e}+04$ | 13.40 | N/A | N/A |
| L3-CC1 | Unknown | $6.983 \mathrm{e}+05$ | 12.99 | N/A | 0.4683 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | $4.045 \mathrm{e}+04$ | 13.39 | N/A | N/A |
| L3-CC1 | Unknown | $7.457 \mathrm{e}+05$ | 13.00 | N/A | 0.4713 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.919 \mathrm{e}+04$ | 13.00 | N/A | 0.0205 |
| 1 | Unknown | $5.195 \mathrm{e}+04$ | 12.99 | N/A | 0.0370 |
| 2 | Unknown | $3.182 \mathrm{e}+04$ | 12.98 | N/A | 0.0313 |
| 3 | Unknown | $4.975 \mathrm{e}+04$ | 12.98 | N/A | 0.0438 |
| 4 | Unknown | $3.876 \mathrm{e}+04$ | 12.98 | N/A | 0.0388 |
| 5 | Unknown | $3.959 \mathrm{e}+04$ | 12.98 | N/A | 0.0566 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.018 \mathrm{e}+06$ | 12.99 | N/A | 0.4882 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $3.171 \mathrm{e}+04$ | 12.84 | N/A | 0.2196 |
| 7 | Unknown | $2.178 \mathrm{e}+04$ | 12.96 | N/A | 0.0293 |
| 8 | Unknown | $3.392 \mathrm{e}+04$ | 12.98 | N/A | 0.0367 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $8.101 \mathrm{e}+04$ | 12.99 | N/A | 0.3743 |
| Avid | Unknown | $3.838 \mathrm{e}+04$ | 12.98 | N/A | 0.0357 |
| Avid-Spike | Unknown | $9.482 \mathrm{e}+05$ | 12.98 | N/A | 0.8402 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $4.648 \mathrm{e}+04$ | 13.39 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.320 \mathrm{e}+06$ | 12.98 | $\mathrm{~N} / \mathrm{A}$ | 0.4942 |
| Solvent Blank 8 | Blank | $4.440 \mathrm{e}+04$ | 13.38 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |








| Ped-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | 13.00 (13.20) min |  |
| [Calculated | $0.0641 \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 11 & 12 & 13^{4} & 14 & 15\end{array}$ |
| Area: | 24509 | Time, min |
| Area Ratio | 0.14 |  |
| Sample Type: | (Unknown) |  |







SCIEX










Analyte: PFOA t2 (412.8 / 168.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | $1.114 \mathrm{e}+04$ | 13.35 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.264 \mathrm{e}+04$ | 13.01 | 0.0250 | 0.0284 |
| L2 | Standard | $5.128 \mathrm{e}+04$ | 13.01 | 0.1250 | 0.1178 |
| L3 | Standard | $2.223 \mathrm{e}+05$ | 13.01 | 0.5000 | 0.4612 |
| L4 | Standard | $1.145 \mathrm{e}+06$ | 13.01 | 2.5000 | 2.4929 |
| L5 | Standard | $3.410 \mathrm{e}+06$ | 13.01 | 7.5000 | 7.4497 |
| L6 | Standard | $6.470 \mathrm{e}+06$ | 13.01 | 15.0000 | 15.3488 |
| L7 | Standard | $8.995 \mathrm{e}+06$ | 13.01 | 20.0000 | 19.7508 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.062 \mathrm{e}+04$ | 13.01 | N/A | 0.0668 |
| PB | Unknown | $5.090 \mathrm{e}+05$ | 13.00 | N/A | 1.5748 |
| Ob-B | Unknown | $1.772 \mathrm{e}+04$ | 13.00 | N/A | 0.0509 |
| Ob-S | Unknown | $6.547 \mathrm{e}+05$ | 13.00 | N/A | 1.8026 |
| Ped-B | Unknown | $7.771 \mathrm{e}+03$ | 13.01 | N/A | 0.0600 |
| Ped-S | Unknown | $2.467 \mathrm{e}+05$ | 12.99 | N/A | 1.4474 |
| Mara-B | Unknown | $6.312 \mathrm{e}+03$ | 12.96 | N/A | 0.0761 |
| Mara-S | Unknown | $1.177 \mathrm{e}+05$ | 12.96 | N/A | 2.0917 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.388 \mathrm{e}+05$ | 12.99 | N/A | 0.4341 |
| Solvent Blank 4 | Blank | $1.872 \mathrm{e}+04$ | 13.39 | N/A | N/A |
| Solvent Bloank3 | Blank | $1.704 \mathrm{e}+04$ | 13.39 | N/A | N/A |
| L3-CC1 | Unknown | $2.563 \mathrm{e}+05$ | 13.00 | N/A | 0.4390 |
| Solvent Blank 4 | Blank | $1.833 \mathrm{e}+04$ | 13.40 | N/A | N/A |
| PB | Unknown | $5.016 \mathrm{e}+03$ | 12.99 | N/A | 0.0191 |
| 1 | Unknown | $1.569 \mathrm{e}+04$ | 12.99 | N/A | 0.0353 |
| 2 | Unknown | $1.206 \mathrm{e}+04$ | 12.98 | N/A | 0.0382 |
| 3 | Unknown | $1.600 \mathrm{e}+04$ | 12.98 | N/A | 0.0433 |
| 4 | Unknown | $1.071 \mathrm{e}+04$ | 12.97 | N/A | 0.0336 |
| 5 | Unknown | $1.055 \mathrm{e}+04$ | 12.98 | N/A | 0.0451 |
| Solvent Blank 5 | Blank | $2.053 \mathrm{e}+04$ | 13.39 | N/A | N/A |
| L3-CC2 | Unknown | $3.469 \mathrm{e}+05$ | 12.99 | N/A | 0.4506 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $7.596 \mathrm{e}+03$ | 12.85 | N/A | 0.1450 |
| 7 | Unknown | $6.749 \mathrm{e}+03$ | 12.96 | N/A | 0.0298 |
| 8 | Unknown | $1.348 \mathrm{e}+04$ | 12.98 | N/A | 0.0459 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $2.354 \mathrm{e}+04$ | 12.99 | N/A | 0.2958 |
| Avid | Unknown | $1.288 \mathrm{e}+04$ | 12.98 | N/A | 0.0379 |
| Avid-Spike | Unknown | $3.512 \mathrm{e}+05$ | 12.98 | N/A | 0.8394 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $4.852 \mathrm{e}+05$ | 12.98 | $\mathrm{~N} / \mathrm{A}$ | 0.4922 |
| Solvent Blank 8 | Blank | $1.668 \mathrm{e}+04$ | 13.35 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |




SCIEX


| PB |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 13.01 (13.20) min |  |  |  |
| [Calculated Conc]: | $0.0668 \mathrm{ng} / \mathrm{ml}$ |  | $12 \quad 13$ |  |
| Area: | 20619 |  | Time, min |  |
| Area Ratio | 0.05 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| PB |  |  | 13.00 |  |
| RT (Exp. RT): | 13.00 (13.00) min |  |  |  |
| [Calculated Concl: | $1.5748 \mathrm{ng} / \mathrm{ml}$ |  | 1112 |  |
| Area: | 509027 |  |  |  |
| Area Ratio | 1.19 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-B |  | 2000 |  |  |
| RT (Exp. RT): | 13.00 (13.20) min |  |  |  |
| [Calculated Conc): | $0.0509 \mathrm{ng} / \mathrm{ml}$ |  | $1112 \begin{array}{cc}13^{4} \\ & \text { Time, m }\end{array}$ |  |
| Area: | 17719 |  |  |  |
| Area Ratio | 0.04 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ob-S |  | 5 e 4 |  |  |
| RT (Exp. RT): | 13.00 (13.00) min |  |  |  |
| [Calculated Concl: | $1.8026 \mathrm{ng} / \mathrm{ml}$ | Oe0 | $12 \quad 1 \begin{array}{lll} \\ 1\end{array} 3$ |  |
| Area: | 654688 |  | Time, min |  |
| Area Ratio | 1.37 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ped-B |  | 1000 |  |  |
| RT (Exp. RT): | 13.01 (13.20) min |  |  |  |
| [Calculated | $0.0600 \mathrm{ng} / \mathrm{ml}$ |  | ${ }^{+}$ |  |
| Conc]: |  |  | $12 \quad 133^{4} \quad 14$ |  |
| Area: | 7771 |  | Time, min |  |
| Area Ratio | 0.05 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |
| Ped-S |  | 20000 |  |  |
| RT (Exp. RT): | 12.99 (12.99) min |  |  |  |
| [Calculated Concl: | $1.4474 \mathrm{ng} / \mathrm{ml}$ |  | $12 \quad 13$ | 15 |
| Area: | 246729 |  | Time, min |  |
| Area Ratio | 1.10 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| Mara-B |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.96 (12.96) min |  |  |  |
| [Calculated Conc]: | $0.0761 \mathrm{ng} / \mathrm{ml}$ |  |  |  |
| Area: | 6312 |  | Time, min |  |
| Area Ratio | 0.06 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |





SCIEX










Analyte: PFHpS (448.8 / 80.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.639 \mathrm{e}+04$ | 14.30 | 0.0250 | 0.0253 |
| L2 | Standard | $1.902 \mathrm{e}+05$ | 14.30 | 0.1250 | 0.1253 |
| L3 | Standard | $8.100 \mathrm{e}+05$ | 14.30 | 0.5000 | 0.4917 |
| L4 | Standard | $3.893 \mathrm{e}+06$ | 14.30 | 2.5000 | 2.4689 |
| L5 | Standard | $1.202 \mathrm{e}+07$ | 14.30 | 7.5000 | 7.7637 |
| L6 | Standard | $2.071 \mathrm{e}+07$ | 14.30 | 15.0000 | 14.4342 |
| L7 | Standard | $2.981 \mathrm{e}+07$ | 14.29 | 20.0000 | 20.3490 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.472 \mathrm{e}+06$ | 14.29 | N/A | 1.5727 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $5.968 \mathrm{e}+05$ | 14.29 | N/A | 1.8365 |
| Ped-B | Unknown | $1.530 \mathrm{e}+06$ | 14.26 | N/A | no root |
| Ped-S | Unknown | $1.076 \mathrm{e}+06$ | 14.26 | N/A | no root |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $6.899 \mathrm{e}+05$ | 14.26 | N/A | 1.5233 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.773 \mathrm{e}+05$ | 14.29 | N/A | 0.4200 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $8.549 \mathrm{e}+05$ | 14.29 | N/A | 0.4412 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | $1.439 \mathrm{e}+06$ | 14.27 | N/A | 3.6784 |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.046 \mathrm{e}+06$ | 14.28 | N/A | 0.4299 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | $1.126 \mathrm{e}+05$ | 14.39 | N/A | 0.5368 |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.658 \mathrm{e}+05$ | 14.27 | N/A | 0.8279 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.365 \mathrm{e}+06$ | 14.27 | $\mathrm{~N} / \mathrm{A}$ | 0.4413 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |




| L3 |  |  | 14.30 |
| :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.30 (14.30) min |  |  |
| [Calculated Conc]: | $0.4917 \mathrm{ng} / \mathrm{ml}$ |  | $14^{*} \quad 15 \quad 16$ |
| Area: | 809971 |  | Time, min |
| Area Ratio Sample Type: | 1.06 (Standard) |  |  |
| L4 |  |  |  |
| RT (Exp. RT): | 14.30 (14.30) min |  |  |
| [Calculated | $2.4689 \mathrm{ng} / \mathrm{ml}$ |  | $14^{*} 1516$ |
| Conc]: |  |  | $14 \quad 15 \quad 16$ |
| Area: | 3893059 |  | Time, min |
| Area Ratio | 5.28 |  |  |
| Sample Type: | (Standard) |  |  |
| L5 |  | 1 e 6 |  |
| RT (Exp. RT): | 14.30 (14.30) min |  |  |
| [Calculated Concl: | $7.7637 \mathrm{ng} / \mathrm{ml}$ | Oe0 | $\begin{array}{ccc} 14^{4} & 15 & 16 \\ \text { Time, } \min & \end{array}$ |
| Area: | 12022457 |  |  |
| Area Ratio Sample Type: | $16.05$ <br> (Standard) |  |  |
| L6 |  | 2e6 |  |
| RT (Exp. RT): | 14.30 (14.30) min |  |  |
| [Calculated Concl: | $14.4342 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{array}{cc} 14 & 15 \\ \text { Time, min } & 16 \end{array}$ |
| Area: | 20714271 |  |  |
| Area Ratio Sample Type: | 28.52 <br> (Standard) |  |  |
| L7 |  | 2e6 <br> 0e0 |  |
| RT (Exp. RT): | 14.29 (14.30) min |  |  |
| [Calculated | 20.3490 ng/ml |  |  |
| Conc]: |  |  | $\begin{array}{ccc} 14^{+} & 15 & 16 \\ \text { Time, } \min \end{array}$ |
| Area: | 29805665 |  |  |
| Area Ratio | 38.55 |  |  |
| Sample Type: | (Standard) |  |  |
| Solvent Blank 2 |  |  |  |
| RT (Exp. RT): | N/A (14.30) min |  | munvMuNV |
| [Calculated Concl: | N/A ng/ml |  | $\begin{array}{ccc} 14 & 15 & 16 \\ \text { Time, min } & \end{array}$ |
| Area: | N/A |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Blank) |  |  |



| Mara-B |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  |  |  |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Mara-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.26 (14.30) min |  |  |  |  |
| [Calculated Concl: | $1.5233 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{*} 15$ |  |
| Area: | 689903 |  |  | Time, min |  |
| Area Ratio Sample Type: | $3.27$ <br> (Unknown) |  |  |  |  |



| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min | onvamnMwh |
| [Calculated Conc]: | N/A ng/ml | $0 \longdiv { 1 3 1 4 * 1 5 1 6 }$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |
| Solvent Bloank |  |  |
| RT (Exp. RT): | N/A (14.30) min | ownwn |
| [Calculated | N/A ng/ml |  |
| Conc]: |  | $\begin{array}{lllll} & 13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A |  |
| Sample Type: | (Blank) |  |


| L3-CC1 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.29 (14.30) min |  |  |  |  |
| [Calculated Conc]: | $0.4412 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{+} 15$ |  |
| Area: | 854931 |  |  | Time, min |  |
| Area Ratio | $0.95$ |  |  |  |  |


| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min | $\ln _{0} M \sqrt[M]{M} M$ |
| [Calculated Concl: | N/A ng/ml | 0 13 14 15 |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |



| 1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min | $\wedge \wedge M$ |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type | N/A (Unknown) |  |


| 2 |  | $\begin{aligned} & 1 \mathrm{e} 5 \\ & 0 \mathrm{e} 0 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.27 (14.30) min |  |  |  |  |
| [Calculated Concl: | $3.6784 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{4} 15$ | 16 |
| Area: | 1438819 |  |  | Time, min |  |
| Area Ratio | 7.80 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| 3 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min | MNNMNM |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{lllll}0 & 13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |








| L3-CC3 |  | $\begin{aligned} & 1 \mathrm{e} 5 \\ & 0 \mathrm{e} 0 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.27 (14.30) min |  |  |  |  |
| [Calculated Conc]: | $0.4413 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14 \times 15$ | 16 |
| Area: | 1365255 |  |  | Time, min |  |
| Area Ratio Sample Type: | $0.95$ <br> (Unknown) |  |  |  |  |



Analyte: PFHpS t2 (448.8 / 98.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.006 \mathrm{e}+04$ | 14.30 | 0.0250 | 0.0266 |
| L2 | Standard | $4.640 \mathrm{e}+04$ | 14.30 | 0.1250 | 0.1170 |
| L3 | Standard | $2.121 \mathrm{e}+05$ | 14.30 | 0.5000 | 0.4914 |
| L4 | Standard | $1.045 \mathrm{e}+06$ | 14.30 | 2.5000 | 2.5318 |
| L5 | Standard | $3.094 \mathrm{e}+06$ | 14.30 | 7.5000 | 7.6286 |
| L6 | Standard | $5.460 \mathrm{e}+06$ | 14.30 | 15.0000 | 14.5799 |
| L7 | Standard | $7.753 \mathrm{e}+06$ | 14.29 | 20.0000 | 20.2810 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $6.530 \mathrm{e}+05$ | 14.28 | N/A | 1.5859 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.639 \mathrm{e}+05$ | 14.29 | N/A | 1.9259 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.116 \mathrm{e}+04$ | 14.28 | N/A | 1.8241 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.760 \mathrm{e}+05$ | 14.26 | N/A | 1.4829 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.995 \mathrm{e}+05$ | 14.29 | N/A | 0.4115 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.172 \mathrm{e}+05$ | 14.29 | N/A | 0.4280 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.738 \mathrm{e}+05$ | 14.28 | N/A | 0.4296 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $6.276 \mathrm{e}+04$ | 14.26 | N/A | 0.7461 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $3.612 \mathrm{e}+05$ | 14.27 | $\mathrm{~N} / \mathrm{A}$ | 0.4457 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min |  |
| [Calculated Conc]: | N/A ng/ml |  |
| Area: | N/A |  |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |
| Solvent Blank1 |  |  |
| RT (Exp. RT): | N/A (14.30) min | NM NJN |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |





| PB |  | 5e4$0 \mathrm{eO}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.28 (14.30) min |  |  |  |  |
| [Calculated Conc]: | $1.5859 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{+} 15$ | 16 |
| Area: | 652991 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 0.89 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |




| Mara-B |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (14.30) min |  |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |
| Conc]: | N/A |  |
| Area: |  |  |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| Mara-S |  | 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.26 (14.30) min |  |  |  |  |
| [Calculated Conc]: | $1.4829 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14 \times 15$ | 16 |
| Area: | 175977 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 0.83 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |




| L3-CC1 |  | 20000 | 14.29 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.29 (14.30) min | 0 |  |  |  |
| [Calculated Concl: | $0.4280 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14 \times 15$ | 16 |
| Area: | 217227 |  |  | Time, min |  |
| Area Ratio Sample Type: | $0.24$ |  |  |  |  |



| PB |  | 100 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min |  |  |  |
| [Calculated Conc): | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | 13 | 16 |
| Area: | N/A |  |  |  |
| Area Ratio | N/A |  |  |  |



| 2 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.24) min | $\int \sqrt{N}$ |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0-13 \quad 14 \begin{array}{llll} & 13 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 3 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min | ansunnmon |
| [Calculated Conc]: | N/A ng/ml | $0 \begin{array}{llll}13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 4 |  | 100 |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min | U~~ |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \quad 13 \quad 14 * 15 \quad 16$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |








| SOIvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.30) min | $0 \wedge м \text { mun Nu }$ |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llll}13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |



Analyte: PFHxS (398.8 / 80.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \hline \text { Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.946 \mathrm{e}+04$ | 13.38 | 0.0250 | 0.0251 |
| L2 | Standard | $1.923 \mathrm{e}+05$ | 13.38 | 0.1250 | 0.1281 |
| L3 | Standard | $7.615 \mathrm{e}+05$ | 13.38 | 0.5000 | 0.4754 |
| L4 | Standard | $3.878 \mathrm{e}+06$ | 13.39 | 2.5000 | 2.5231 |
| L5 | Standard | $1.199 \mathrm{e}+07$ | 13.39 | 7.5000 | 7.7978 |
| L6 | Standard | $2.081 \mathrm{e}+07$ | 13.38 | 15.0000 | 14.2269 |
| L7 | Standard | $3.129 \mathrm{e}+07$ | 13.38 | 20.0000 | 20.4775 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.309 \mathrm{e}+04$ | 13.31 | N/A | 0.0173 |
| PB | Unknown | $2.505 \mathrm{e}+06$ | 13.37 | N/A | 1.6394 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $5.277 \mathrm{e}+05$ | 13.37 | N/A | 1.6684 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $3.015 \mathrm{e}+04$ | 13.35 | N/A | 1.3251 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $6.862 \mathrm{e}+05$ | 13.33 | N/A | 1.5585 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $8.757 \mathrm{e}+05$ | 13.37 | N/A | 0.4860 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $9.573 \mathrm{e}+05$ | 13.38 | N/A | 0.5077 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $2.458 \mathrm{e}+04$ | 13.28 | N/A | 0.0204 |
| 4 | Unknown | $2.652 \mathrm{e}+04$ | 13.28 | N/A | 0.0197 |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.239 \mathrm{e}+06$ | 13.36 | N/A | 0.5231 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | $1.558 \mathrm{e}+04$ | 13.27 | N/A | 0.0144 |
| 8 | Unknown | $3.406 \mathrm{e}+03$ | 13.49 | N/A | 0.0040 |
| 9 | Unknown | $1.520 \mathrm{e}+04$ | 13.47 | N/A | 0.0523 |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $1.066 \mathrm{e}+04$ | 13.28 | N/A | 0.0414 |
| Avid-Spike | Unknown | $2.299 \mathrm{e}+05$ | 13.35 | N/A | 0.7371 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.547 \mathrm{e}+06$ | 13.35 | $\mathrm{~N} / \mathrm{A}$ | 0.5140 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |













| 4 |  | 2000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 13.28 (13.40) min |  |  |  |  |
| [Calculated Concl: | $0.0197 \mathrm{ng} / \mathrm{ml}$ |  | 12 | $13^{*} 14$ |  |
| Area: | 26516 |  |  | Time, min |  |
| Area Ratio | 0.04 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |






| SOlvent Blank 7 |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (13.40) min |  |  |
| [Calculated | N/A ng/ml |  |  |
| Conc]: |  |  |  |
| Area: | N/A |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Blank) |  |  |



| Solvent Blank 8 |  | $50$ <br> 0 $\qquad$ |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (13.40) min |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 12 & 13 & 14 & 15\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: PFHxS t2 (398.8 / 98.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $8.498 \mathrm{e}+03$ | 13.38 | 0.0250 | 0.0259 |
| L2 | Standard | $4.489 \mathrm{e}+04$ | 13.38 | 0.1250 | 0.1232 |
| L3 | Standard | $1.937 \mathrm{e}+05$ | 13.38 | 0.5000 | 0.4846 |
| L4 | Standard | $9.639 \mathrm{e}+05$ | 13.39 | 2.5000 | 2.4902 |
| L5 | Standard | $3.029 \mathrm{e}+06$ | 13.39 | 7.5000 | 7.7658 |
| L6 | Standard | $5.393 \mathrm{e}+06$ | 13.38 | 15.0000 | 14.4213 |
| L7 | Standard | 8.012e+06 | 13.38 | 20.0000 | 20.3402 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $6.106 \mathrm{e}+05$ | 13.37 | N/A | 1.5894 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.276 \mathrm{e}+05$ | 13.37 | N/A | 1.6051 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $7.790 \mathrm{e}+03$ | 13.36 | N/A | 1.3634 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.727 \mathrm{e}+05$ | 13.33 | N/A | 1.5602 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.160 \mathrm{e}+05$ | 13.37 | N/A | 0.4807 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.437 \mathrm{e}+05$ | 13.38 | N/A | 0.5176 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $3.138 \mathrm{e}+05$ | 13.36 | N/A | 0.5307 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $6.185 \mathrm{e}+04$ | 13.34 | N/A | 0.7918 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $3.864 \mathrm{e}+05$ | 13.35 | $\mathrm{~N} / \mathrm{A}$ | 0.5141 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |








| Ped-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (13.40) min | Mn~~ |
| [Calculated | N/A ng/ml | $0 \begin{array}{llll}0 & 12 & 13 & 14\end{array}$ |
| Conc]: <br> Area: | N/A | 12 Time, min |
| Area Ratio <br> Sample Type: | N/A <br> (Unknown) |  |




| Mara-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 13.33 (13.40) min | 10000 | $1$ |  |  |
| [Calculated Conc]: | $1.5602 \mathrm{ng} / \mathrm{ml}$ |  | 12 | $13+14$ | 15 |
| Area: | 172650 |  |  | Time, min |  |
| Area Ratio | 0.82 |  |  |  |  |


| Solvent Bloank3 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (13.40) min | owhornorns |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |  |  |
| Area: | N/A | Time, min |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| L3-CC1 |  |  | ${ }^{1337}$ |  |  |
| RT (Exp. RT): | 13.37 (13.40) min | 10000 |  |  |  |
| [Calculated | $0.4807 \mathrm{ng} / \mathrm{ml}$ |  | 12 | $13 \div 14$ <br> Time, min | 15 |
| Conc]: Area: | 216048 |  |  |  |  |
| Area Ratio | 0.25 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |





| 2 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (13.40) min |  |
| [Calculated | N/A ng/ml | $12 \quad 13{ }^{+} 1415$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |




| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (13.40) min | nusuhmsus |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}12 & 13^{*} & 14 & 15\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (13.40) min | nuMur |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{llll}0 & 12 & 14 & 14\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type | N/A (Blank) |  |


| L3-CC3 | 13.35 (13.40) min |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): |  |  |  |  |  |
| [Calculated Conc]: | $0.5141 \mathrm{ng} / \mathrm{ml}$ |  | 12 | $13^{+14}$ | 15 |
| Area: | 386393 |  |  | Time, min |  |
| Area Ratio | 0.27 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (13.40) min | han |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}0 & 12 & 13 & 14\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |

Analyte: PFHpA (362.8 / 318.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | 8.752e+03 | 12.01 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.871 e^{+} 04$ | 12.05 | 0.0250 | 0.0279 |
| L2 | Standard | $8.417 \mathrm{e}+04$ | 12.05 | 0.1250 | 0.1192 |
| L3 | Standard | $3.691 \mathrm{e}+05$ | 12.05 | 0.5000 | 0.4611 |
| L4 | Standard | $1.910 \mathrm{e}+06$ | 12.05 | 2.5000 | 2.4824 |
| L5 | Standard | $5.932 \mathrm{e}+06$ | 12.05 | 7.5000 | 7.7254 |
| L6 | Standard | $1.093 \mathrm{e}+07$ | 12.05 | 15.0000 | 14.6568 |
| L7 | Standard | $1.578 \mathrm{e}+07$ | 12.05 | 20.0000 | 20.1777 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.017 \mathrm{e}+04$ | 12.04 | N/A | 0.0402 |
| PB | Unknown | $8.579 \mathrm{e}+05$ | 12.04 | N/A | 1.5419 |
| Ob-B | Unknown | $1.255 \mathrm{e}+04$ | 12.04 | N/A | 0.0309 |
| Ob-S | Unknown | $6.721 \mathrm{e}+05$ | 12.03 | N/A | 1.6294 |
| Ped-B | Unknown | $3.531 \mathrm{e}+03$ | 12.03 | N/A | 0.0258 |
| Ped-S | Unknown | $2.853 \mathrm{e}+05$ | 12.03 | N/A | 1.5192 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.093 \mathrm{e}+05$ | 12.02 | N/A | 1.5484 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $3.660 \mathrm{e}+05$ | 12.04 | N/A | 0.5012 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $3.907 \mathrm{e}+05$ | 12.04 | N/A | 0.4792 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $5.543 \mathrm{e}+03$ | 12.03 | N/A | 0.0203 |
| 1 | Unknown | $1.569 \mathrm{e}+04$ | 12.03 | N/A | 0.0289 |
| 2 | Unknown | $4.793 \mathrm{e}+03$ | 12.03 | N/A | 0.0176 |
| 3 | Unknown | $6.926 \mathrm{e}+03$ | 12.02 | N/A | 0.0183 |
| 4 | Unknown | $9.313 \mathrm{e}+03$ | 12.03 | N/A | 0.0209 |
| 5 | Unknown | $4.787 \mathrm{e}+03$ | 12.03 | N/A | 0.0177 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $4.920 \mathrm{e}+05$ | 12.03 | N/A | 0.4917 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $1.051 \mathrm{e}+04$ | 12.02 | N/A | 0.0242 |
| 10 | Unknown | $1.248 \mathrm{e}+04$ | 12.02 | N/A | 0.1574 |
| Avid | Unknown | $5.902 \mathrm{e}+03$ | 12.02 | N/A | 0.0169 |
| Avid-Spike | Unknown | $4.009 \mathrm{e}+05$ | 12.02 | N/A | 0.7224 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $6.161 \mathrm{e}+05$ | 12.01 | $\mathrm{~N} / \mathrm{A}$ | 0.4871 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |


| Solvent Blank1 |  | $\begin{array}{r} 1000 \\ 0 \end{array}$ |  |
| :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.01 (12.20) min |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |
| Area: | 8752 |  |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |
| Solvent Blank1 |  |  |  |
| RT (Exp. RT): | N/A (12.20) min |  |  |
| [Calculated Conc]: | N/A ng/ml |  | $11 \quad 12^{+} \quad 13$ |
| Area: | N/A |  | Time, min |
| Area Ratio | N/A |  |  |
| Sample Type: | (Blank) |  |  |



| L3 |  |  | 12.05 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.05 (12.20) min |  |  |  |
| [Calculated Conc]: | $0.4611 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{gathered} 11 \begin{array}{c} 12^{4} \\ \text { Time, } \min \end{array} \end{gathered}$ |  |
| Area: | 369080 |  |  |  |
| Area Ratio | 0.65 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L4 |  | 2 e 5 |  |  |
| RT (Exp. RT): | 12.05 (12.20) min |  |  |  |
| [Calculated Concl: | $2.4824 \mathrm{ng} / \mathrm{ml}$ | 0e0 | $\begin{gathered} 11 \quad 12^{4} \quad 13 \\ \text { Time, } \min \end{gathered}$ |  |
| Area: | 1910392 |  |  |  |
| Area Ratio | 3.53 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L5 |  | 5 e 5 |  |  |
| RT (Exp. RT): | 12.05 (12.20) min |  |  |  |
| [Calculated Concl: | $7.7254 \mathrm{ng} / \mathrm{ml}$ | OeO | $\begin{gathered} 112^{4} \quad 13 \\ \text { Time, min } \end{gathered}$ |  |
| Area: | 5932208 |  |  |  |
| Area Ratio | 10.88 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L6 |  | $1 e 6$ |  |  |
| RT (Exp. RT): | 12.05 (12.20) min |  |  |  |  |
| [Calculated Concl: | $14.6568 \mathrm{ng} / \mathrm{ml}$ | 0 eO |  |  |
| Area: | 10926459 |  |  |  |
| Area Ratio | 20.35 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L7 |  | 1 e 6 | $\int^{12,05}$ |  |
| RT (Exp. RT): | 12.05 (12.20) min |  |  |  |
| [Calculated | 20.1777 ng/ml | 0 e 0 |  |  |
| Conc]: | 2.1777 ng |  | $11 \begin{gathered} 12^{4} \\ \text { Time, } \quad 13 \end{gathered}$ |  |
| Area: | 15780658 |  |  |  |
| Area Ratio | 27.67 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| Solvent Blank 2 |  | 500 |  |  |
|  |  |  |  |  |  |
| RT (Exp. RT): | N/A (12.20) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | $12^{4} \quad 13$ |  |
| Area: | N/A |  | Time, min |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |








| 4 l |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.03 (12.20) min | 1000 | $\overbrace{1}^{1203}$ |  |
| [Calculated Concl: | $0.0209 \mathrm{ng} / \mathrm{ml}$ |  | $11 \quad 12^{4} \quad 13$ |  |
| Area: | 9313 |  | Time, min |  |
| Area Ratio | 0.02 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | 12.03 (12.20) min | - |
| [Calculated Concl: | $0.0177 \mathrm{ng} / \mathrm{ml}$ | 0 10 11 $12^{4}$ 13 <br> 10 14    |
| Area: | 4787 | Time, min |
| Area Ratio | 0.02 |  |
| Sample Type: | (Unknown) |  |








Analyte: PFHpA t2 (362.8 / 169.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $2.585 \mathrm{e}+03$ | 12.01 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $6.680 \mathrm{e}+03$ | 12.05 | 0.0250 | 0.0269 |
| L2 | Standard | $3.138 \mathrm{e}+04$ | 12.05 | 0.1250 | 0.1220 |
| L3 | Standard | $1.384 \mathrm{e}+05$ | 12.05 | 0.5000 | 0.4766 |
| L4 | Standard | $6.814 \mathrm{e}+05$ | 12.05 | 2.5000 | 2.4429 |
| L5 | Standard | $2.133 \mathrm{e}+06$ | 12.05 | 7.5000 | 7.6586 |
| L6 | Standard | $4.031 \mathrm{e}+06$ | 12.05 | 15.0000 | 14.9026 |
| L7 | Standard | $5.690 \mathrm{e}+06$ | 12.05 | 20.0000 | 20.0203 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $7.168 \mathrm{e}+03$ | 12.04 | N/A | 0.0389 |
| PB | Unknown | $3.247 \mathrm{e}+05$ | 12.04 | N/A | 1.6102 |
| Ob-B | Unknown | $5.985 \mathrm{e}+03$ | 12.04 | N/A | 0.0388 |
| Ob-S | Unknown | $2.415 \mathrm{e}+05$ | 12.03 | N/A | 1.6151 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.003 \mathrm{e}+05$ | 12.02 | N/A | 1.4736 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $8.260 \mathrm{e}+04$ | 12.02 | N/A | 1.6860 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.346 \mathrm{e}+05$ | 12.03 | N/A | 0.5082 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.370 \mathrm{e}+05$ | 12.04 | N/A | 0.4635 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | $5.295 \mathrm{e}+03$ | 12.03 | N/A | 0.0266 |
| 2 | Unknown | $3.189 \mathrm{e}+03$ | 12.02 | N/A | 0.0283 |
| 3 | Unknown | $2.365 \mathrm{e}+03$ | 12.01 | N/A | 0.0169 |
| 4 | Unknown | $3.165 \mathrm{e}+03$ | 12.03 | N/A | 0.0192 |
| 5 | Unknown | $2.577 \mathrm{e}+03$ | 12.02 | N/A | 0.0237 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.679 \mathrm{e}+05$ | 12.02 | N/A | 0.4628 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $2.504 \mathrm{e}+04$ | 12.01 | N/A | 0.8729 |
| 7 | Unknown | $4.255 \mathrm{e}+03$ | 12.00 | N/A | 0.0322 |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $3.797 \mathrm{e}+03$ | 12.03 | N/A | 0.0236 |
| 10 | Unknown | $2.803 \mathrm{e}+03$ | 12.03 | N/A | 0.0985 |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.462 \mathrm{e}+05$ | 12.01 | N/A | 0.7265 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.159 \mathrm{e}+05$ | 12.02 | $\mathrm{~N} / \mathrm{A}$ | 0.4708 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  | $\begin{array}{lllllll}10 & 11 & 12^{*} & 13 & 14\end{array}$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT) : | 12.04 (12.20) min |  |  |  |
| [Calculated Conc]: | $0.0389 \mathrm{ng} / \mathrm{ml}$ |  |  |  |
| Area: | 7168 |  | Time, min |  |
| Area Ratio | 0.02 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |






| Mara-B |  | 200 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.20) min |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |  |
| Area: | N/A |  |  |  |
| Area Ratio | N/A |  |  |  |






| 4 |  | 0110 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.03 (12.20) min |  |  |  |
| [Calculated Conc]: | $0.0192 \mathrm{ng} / \mathrm{ml}$ |  |  |  |
| Area: | 3165 |  | Time, min |  |
| Area Ratio | 0.01 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| 5 |  | 12.02 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 12.02 (12.20) min |  |
| [Calculated Concl: | $0.0237 \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 10 & 11 & 12 & 13 & 14\end{array}$ |
| Area: | 2577 | Time, min |
| Area Ratio | 0.01 |  |
| Sample Type: | (Unknown) |  |








Analyte: PFHxA (312.8 / 268.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $2.448 \mathrm{e}+04$ | 10.92 | 0.0250 | 0.0270 |
| L2 | Standard | $1.012 \mathrm{e}+05$ | 10.92 | 0.1250 | 0.1159 |
| L3 | Standard | $4.543 \mathrm{e}+05$ | 10.92 | 0.5000 | 0.4942 |
| L4 | Standard | $2.238 \mathrm{e}+06$ | 10.92 | 2.5000 | 2.4930 |
| L5 | Standard | $6.913 \mathrm{e}+06$ | 10.92 | 7.5000 | 7.5657 |
| L6 | Standard | $1.299 \mathrm{e}+07$ | 10.92 | 15.0000 | 14.9112 |
| L7 | Standard | $1.837 \mathrm{e}+07$ | 10.92 | 20.0000 | 20.0429 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $3.628 \mathrm{e}+04$ | 10.91 | N/A | 0.0714 |
| PB | Unknown | $8.886 \mathrm{e}+05$ | 10.91 | N/A | 1.5698 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.357 \mathrm{e}+06$ | 10.90 | N/A | 2.2012 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | N/A | N/A | N/A | N/A |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $4.212 \mathrm{e}+05$ | 10.89 | N/A | 2.2903 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.872 \mathrm{e}+05$ | 10.91 | N/A | 0.4829 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $5.213 \mathrm{e}+05$ | 10.91 | N/A | 0.5142 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.682 \mathrm{e}+04$ | 10.91 | N/A | 0.0362 |
| 1 | Unknown | $5.454 \mathrm{e}+04$ | 10.90 | N/A | 0.0616 |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $2.762 \mathrm{e}+04$ | 10.90 | N/A | 0.0419 |
| 4 | Unknown | $4.917 \mathrm{e}+04$ | 10.89 | N/A | 0.0558 |
| 5 | Unknown | $8.299 \mathrm{e}+04$ | 10.89 | N/A | 0.1772 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $6.562 \mathrm{e}+05$ | 10.90 | N/A | 0.4860 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | $6.582 \mathrm{e}+04$ | 11.24 | N/A | 0.1240 |
| 8 | Unknown | $4.533 \mathrm{e}+04$ | 10.90 | N/A | 0.0837 |
| 9 | Unknown | $4.127 \mathrm{e}+04$ | 10.90 | N/A | 0.0619 |
| 10 | Unknown | $2.478 \mathrm{e}+04$ | 10.90 | N/A | 0.6545 |
| Avid | Unknown | $2.112 \mathrm{e}+04$ | 10.89 | N/A | 0.0308 |
| Avid-Spike | Unknown | $6.975 \mathrm{e}+05$ | 10.88 | N/A | 0.8925 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $9.352 \mathrm{e}+05$ | 10.89 | $\mathrm{~N} / \mathrm{A}$ | 0.5146 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |






| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.10) min | $\min M$ |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llllll}0 & 9 & 10 & 11 & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |




| Solvent Blank 4 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.10) min |  |  |  |
| [Calculated Concl: | N/A ng/ml | 9 | $\begin{gathered} 10 \underset{\text { Time }, ~}{\text { min }} \end{gathered}$ |  |
| Area: | N/A |  |  |  |
| Area Ratio Sample Type: | (Blank) |  |  |  |
| Solvent Bloank3 |  |  |  |  |
| RT (Exp. RT): | N/A (11.10) min |  |  |  |
| [Calculated Concl: | N/A ng/ml | 9 | $10 \quad 11 \quad 12$ |  |
| Area: | N/A |  | Time, min |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |








| SOlvent Blank 7 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.10) min |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | $10 \quad 11 \quad 12$ |  |
| Area: | N/A |  | Time, min |  |
| Area Ratio | N/A |  |  |  |




Analyte: PFHxA t2 (312.8 / 119.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | N/A | N/A | 0.0250 | N/A |
| L2 | Standard | $7.926 \mathrm{e}+03$ | 10.91 | 0.1250 | 0.1211 |
| L3 | Standard | $3.170 \mathrm{e}+04$ | 10.92 | 0.5000 | 0.5290 |
| L4 | Standard | $1.364 \mathrm{e}+05$ | 10.92 | 2.5000 | 2.4144 |
| L5 | Standard | $4.311 \mathrm{e}+05$ | 10.92 | 7.5000 | 7.5272 |
| L6 | Standard | $8.278 \mathrm{e}+05$ | 10.92 | 15.0000 | 15.1267 |
| L7 | Standard | $1.148 \mathrm{e}+06$ | 10.92 | 20.0000 | 19.9064 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $5.511 \mathrm{e}+04$ | 10.90 | N/A | 1.5381 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $6.389 \mathrm{e}+04$ | 10.90 | N/A | 1.6399 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.543 \mathrm{e}+04$ | 10.89 | N/A | 0.9444 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.511 \mathrm{e}+04$ | 10.88 | N/A | 2.1664 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.934 \mathrm{e}+04$ | 10.91 | N/A | 0.4425 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $3.304 \mathrm{e}+04$ | 10.91 | N/A | 0.4987 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | $2.971 \mathrm{e}+03$ | 10.89 | N/A | 0.0294 |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | $3.258 \mathrm{e}+03$ | 10.88 | N/A | 0.0348 |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $4.145 \mathrm{e}+04$ | 10.90 | N/A | 0.4684 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $4.372 \mathrm{e}+04$ | 10.88 | N/A | 0.8735 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $5.723 \mathrm{e}+04$ | 10.88 | $\mathrm{~N} / \mathrm{A}$ | 0.4811 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.10) min |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{llllll}0 & 9 & 10 & 11 & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: |  |  |
| Solvent Blank1 |  | $\operatorname{Lnman} \operatorname{Lin}^{n}$ |
| RT (Exp. RT): | N/A (11.10) min |  |
| [Calculated Concl: | N/A ng/ml | 00 9 10 11 12 |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |





| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.10) min |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 9 & 10 & 11 & 12\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |




| Solvent Blank 4 |  | $\operatorname{HaphaNMNhm}_{0}$ |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.10) min |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |
| Solvent Bloank3 |  | 0 |
| RT (Exp. RT): | N/A (11.10) min |  |
| [Calculated | N/A ng/ml |  |
| Conc]: |  | $\begin{array}{lllll}9 & 10 & 11 & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A |  |
| Sample Type: | (Blank) |  |

SCIEX



| 2 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (10.86) min |  |
| [Calculated Conc): | N/A ng/ml | $\begin{array}{llllll}0 & 9 & 10 & 11 & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |











Analyte: PFBS (298.8 / 80.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \hline \text { Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.771 \mathrm{e}+04$ | 11.06 | 0.0250 | 0.0256 |
| L2 | Standard | $1.971 \mathrm{e}+05$ | 11.07 | 0.1250 | 0.1258 |
| L3 | Standard | $7.994 \mathrm{e}+05$ | 11.06 | 0.5000 | 0.4887 |
| L4 | Standard | $3.883 \mathrm{e}+06$ | 11.07 | 2.5000 | 2.4365 |
| L5 | Standard | $1.238 \mathrm{e}+07$ | 11.07 | 7.5000 | 7.6985 |
| L6 | Standard | $2.205 \mathrm{e}+07$ | 11.06 | 15.0000 | 14.7619 |
| L7 | Standard | 3.147e+07 | 11.06 | 20.0000 | 20.1133 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $6.046 \mathrm{e}+03$ | 11.05 | N/A | 0.0066 |
| PB | Unknown | $2.476 \mathrm{e}+06$ | 11.05 | N/A | 1.4744 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $2.986 \mathrm{e}+05$ | 11.04 | N/A | 1.4451 |
| Ped-B | Unknown | $1.583 \mathrm{e}+04$ | 11.21 | N/A | 0.7309 |
| Ped-S | Unknown | $2.834 \mathrm{e}+04$ | 11.18 | N/A | 2.7743 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | 8.797e+05 | 11.03 | N/A | 1.8000 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $9.379 \mathrm{e}+05$ | 11.06 | N/A | 0.4864 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.016 \mathrm{e}+06$ | 11.06 | N/A | 0.4971 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $3.365 \mathrm{e}+03$ | 11.05 | N/A | 0.0062 |
| 1 | Unknown | $4.890 \mathrm{e}+04$ | 11.10 | N/A | 0.1391 |
| 2 | Unknown | $4.424 \mathrm{e}+03$ | 11.14 | N/A | 0.0367 |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | $9.584 \mathrm{e}+03$ | 11.06 | N/A | 0.0084 |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.304 \mathrm{e}+06$ | 11.05 | N/A | 0.5023 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $5.161 \mathrm{e}+04$ | 11.26 | N/A | 0.1058 |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | $2.456 \mathrm{e}+04$ | 11.09 | N/A | 0.0238 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $5.922 \mathrm{e}+03$ | 11.09 | N/A | 0.0296 |
| Avid-Spike | Unknown | $1.958 \mathrm{e}+05$ | 11.02 | N/A | 0.8051 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.791 \mathrm{e}+06$ | 11.03 | $\mathrm{~N} / \mathrm{A}$ | 0.4932 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |




| L3 |  |  | ${ }^{11.06}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 11.06 (11.20) min |  |  |  |
| [Calculated Conc]: | $0.4887 \mathrm{ng} / \mathrm{ml}$ |  | $10 \begin{gathered} 11^{+} \\ \text {Time, } \quad 12 \end{gathered}$ |  |
| Area: | 799358 |  |  |  |
| Area Ratio | 1.31 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L4 |  |  |  |  |
| RT (Exp. RT): | 11.07 (11.20) min |  |  |  |
| [Calculated Concl: | $2.4365 \mathrm{ng} / \mathrm{ml}$ |  | $\begin{gathered} 101^{+} \quad 12 \\ \text { Time, min } \end{gathered}$ |  |
| Area: | 3882945 |  |  |  |
| Area Ratio | 6.52 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L5 |  | $1 \mathrm{e} 6$ | $\square$ |  |
| RT (Exp. RT): | 11.07 (11.20) min |  |  |  |
| [Calculated Concl: | $7.6985 \mathrm{ng} / \mathrm{ml}$ | Oe0 | 10 $11^{+} \quad 12$ Time, min |  |
| Area: | 12382059 |  |  |  |
| Area Ratio | 20.27 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L6 |  | 2 e 6 |  |  |
| RT (Exp. RT): <br> [Calculated <br> Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | 11.06 (11.20) min $14.7619 \mathrm{ng} / \mathrm{ml}$ |  |  |  |
|  |  | 0 eO | $\begin{gathered} 10 \\ \\ \text { Time, } \begin{array}{c} 11^{+} \end{array} \quad 12 \end{gathered}$ |  |
|  | 22050727 |  |  |  |
|  | 37.98 |  |  |  |
|  | (Standard) |  |  |  |
| L7 |  |  |  |  |
| RT (Exp. RT): | 11.06 (11.20) min |  |  |  |
| [Calculated Conct: | $20.1133 \mathrm{ng} / \mathrm{ml}$ |  | $10{ }^{10} 11^{4} \quad 12$ |  |
| Area: | 31470140 |  |  |  |
| Area Ratio | 50.83 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| Solvent Blank 2 |  |  |  |  |
| RT (Exp. RT): | N/A (11.20) min |  |  |  |
|  |  |  |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  | $10 \quad 11^{*} \quad 1$ | 13 |
| Area: | N/A |  | Time, min |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |




| Mara-S |  |  | ${ }^{11,03}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 11.03 (11.20) min |  | $\int$ |  |
| [Calculated Conc]: | $1.8000 \mathrm{ng} / \mathrm{ml}$ | 0 | $10 \quad 11^{+} 12$ | 13 |
| Area: | 879684 |  | Time, min |  |
| Area Ratio Sample Type: | $4.82$ |  |  |  |




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| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.20) min | munswn |
| [Calculated Conc]: | N/A ng/ml | $0 \begin{array}{llllll}0 & 9 & 10 & 11 & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |








Analyte: PFBS t2 (298.8 / 98.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.894 \mathrm{e}+04$ | 11.06 | 0.0250 | 0.0267 |
| L2 | Standard | $7.645 \mathrm{e}+04$ | 11.06 | 0.1250 | 0.1149 |
| L3 | Standard | $3.390 \mathrm{e}+05$ | 11.06 | 0.5000 | 0.4993 |
| L4 | Standard | $1.674 \mathrm{e}+06$ | 11.06 | 2.5000 | 2.5349 |
| L5 | Standard | $5.083 \mathrm{e}+06$ | 11.07 | 7.5000 | 7.5382 |
| L6 | Standard | $9.439 \mathrm{e}+06$ | 11.06 | 15.0000 | 14.8155 |
| L7 | Standard | $1.361 \mathrm{e}+07$ | 11.06 | 20.0000 | 20.1205 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.074 \mathrm{e}+06$ | 11.05 | N/A | 1.5466 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.350 \mathrm{e}+05$ | 11.04 | N/A | 1.5790 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | N/A | N/A | N/A | N/A |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $3.439 \mathrm{e}+05$ | 11.03 | N/A | 1.7000 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $3.810 \mathrm{e}+05$ | 11.05 | N/A | 0.4760 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.229 \mathrm{e}+05$ | 11.05 | N/A | 0.4988 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $5.414 \mathrm{e}+05$ | 11.05 | N/A | 0.5024 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $7.426 \mathrm{e}+04$ | 11.02 | N/A | 0.7372 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $7.354 \mathrm{e}+05$ | 11.02 | N/A | 0.4880 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |


| Solvent Blank1 |  | $1000$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.20) min |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  | $10 \begin{array}{ccc}10 & 11^{*} & 12 \\ \text { Time, min }\end{array}$ |  |
| Area: | N/A |  |  |  |
| Area Ratio Sample Type: | N/A (Blank) |  | Time, min |  |
| Solvent Blank1 |  |  |  |  |
| RT (Exp. RT): | N/A (11.20) min |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | $10 \quad 11^{*}$ |  |
| Area: | N/A |  | Time, min |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |






| Ped-B |  | 1000 | Nunnon |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.20) min |  |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  | $10 \quad 11^{*} \quad 12$ | 13 |
| Area: | N/A |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |



| Mara-B |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.20) min | 1000 |  |  |
| [Calculated Conc]: | N/A ng/ml |  | $10 \quad 11^{+} \quad 12$ | 13 |
| Area: | N/A | Time, min |  |  |
| Area Ratio | N/A |  |  |  |





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|  |  |  | M |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.20) min | 1000 |  |  |
| [Calculated Concl: | N/A ng/ml | $0$ | $10 \quad 10$ | 13 |
| Area: | N/A | Time, min |  |  |
| Area Ratio | N/A |  |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |  |









Analyte: PFDoS (698.6 / 79.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $2.179 \mathrm{e}+04$ | 18.45 | 0.0250 | 0.0255 |
| L2 | Standard | $1.082 \mathrm{e}+05$ | 18.45 | 0.1250 | 0.1193 |
| L3 | Standard | $4.751 \mathrm{e}+05$ | 18.45 | 0.5000 | 0.5055 |
| L4 | Standard | $2.262 \mathrm{e}+06$ | 18.45 | 2.5000 | 2.5639 |
| L5 | Standard | $6.737 \mathrm{e}+06$ | 18.46 | 7.5000 | 7.4028 |
| L6 | Standard | $1.119 \mathrm{e}+07$ | 18.45 | 15.0000 | 15.0044 |
| L7 | Standard | $1.578 \mathrm{e}+07$ | 18.45 | 20.0000 | 20.0299 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.171 \mathrm{e}+04$ | 18.48 | N/A | 0.0158 |
| PB | Unknown | $1.401 \mathrm{e}+06$ | 18.43 | N/A | 1.5394 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $9.514 \mathrm{e}+05$ | 18.43 | N/A | 3.0891 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.668 \mathrm{e}+05$ | 18.42 | N/A | 5.2419 |
| Mara-B | Unknown | $5.191 \mathrm{e}+03$ | 18.47 | N/A | 0.0202 |
| Mara-S | Unknown | $3.371 \mathrm{e}+05$ | 18.42 | N/A | 1.4090 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $5.294 \mathrm{e}+05$ | 18.45 | N/A | 0.6338 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $5.573 \mathrm{e}+05$ | 18.45 | N/A | 0.6095 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.805 \mathrm{e}+03$ | 18.47 | N/A | 0.0081 |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | $6.945 \mathrm{e}+03$ | 18.58 | N/A | 0.0142 |
| 4 | Unknown | $4.737 \mathrm{e}+03$ | 18.47 | N/A | 0.0095 |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $7.058 \mathrm{e}+05$ | 18.43 | N/A | 0.6088 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | 8.886e+03 | 18.38 | N/A | 0.0199 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.649 \mathrm{e}+05$ | 18.40 | N/A | 1.1479 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |
| L3-CC3 | Unknown | $8.709 \mathrm{e}+05$ | 18.43 | $\mathrm{~N} / \mathrm{A}$ | 0.6203 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min | $17 \begin{array}{ccc}18 & 19 \\ & \text { Time, min }\end{array}$ |
| [Calculated Conct: | N/A ng/ml |  |
| Area: | N/A |  |
| Area Ratio | N/A |  |
| Solvent Blank1 |  | 50 |
|  |  |  |
| RT (Exp. RT): | N/A (18.50) min |  |
| [Calculated Concl: | N/A ng/ml | $17 \quad 18{ }^{\prime} \times 19 \quad 20 \quad 21$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |





| Mara-B |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.47 (18.50) min |  |  |  |
| [Calculated Concl: | $0.0202 \mathrm{ng} / \mathrm{ml}$ |  |  |  |
| Area: | 5191 |  |  |  |
| Area Ratio | 0.02 |  |  |  |
| Sample Type: | (Unknown) |  |  |  |


| Mara-S |  | 0 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.42 (18.50) min |  |  |  |  |  |
| [Calculated Conc]: | 1.4090 ng/ml |  | 17 | $18^{+19}$ | 20 | 21 |
| Area: | 337109 |  |  | Time, min |  |  |
| Area Ratio Sample Type: | $1.61$ (Unknown) |  |  |  |  |  |



| Solvent Blank |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min |  |
| [Calculated Conc]: | N/A ng/ml |  |
| Area: | N/A |  |
| Area Ratio Sample Type: | N/A (Blank) |  |
| Solvent Bloank |  |  |
| RT (Exp. RT): | N/A (18.50) min | WMVM MMM |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llllll}0 & 17 & 18 & 19 & 20 & 21\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A (Blank) |  |

SCIEX



| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min | Mrumbun |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \begin{array}{lllll}0 \times 19 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| Solvent Blank 5 |  | ownmmunnmon |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min |  |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | 17 |  | $\begin{array}{lll} 18 * 19 & 20 & 21 \\ \text { Time min } \end{array}$ |  |
| Area: | N/A |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| L3-CC2 |  | 0 |  |  |  |
| RT (Exp. RT): | 18.43 (18.50) min |  |  |  |  |  |  |
| [Calculated Conc]: | $0.6088 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |  |  |
| Area: | 705775 |  |  |  |  |  |  |
| Area Ratio | 0.70 |  |  |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |  |  |





| L3-CC3 |  | $\begin{aligned} & 1 \mathrm{e} 5 \\ & 0 \mathrm{e} 0 \end{aligned}$ |  |  |  | 21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 18.43 (18.50) min |  |  |  |  |  |
| [Calculated Concl: | $0.6203 \mathrm{ng} / \mathrm{ml}$ |  |  | $18^{+19}$ | 20 |  |
| Area: | 870941 |  |  | Time, min |  |  |
| Area Ratio Sample Type: | $0.71$ <br> (Unknown) |  |  |  |  |  |


| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min | Monmwh Mas |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llllll}0 & 17 & 18 & 19 & 20 & 21\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: PFHxDA (812.6 / 769.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{gathered} \text { [Calculated } \\ \text { Conc]. } \\ (\mathrm{ng} / \mathrm{ml}) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $5.184 \mathrm{e}+03$ | 19.54 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $5.002 \mathrm{e}+04$ | 19.53 | 0.0250 | 0.0239 |
| L2 | Standard | $2.334 \mathrm{e}+05$ | 19.53 | 0.1250 | 0.1301 |
| L3 | Standard | $9.456 \mathrm{e}+05$ | 19.53 | 0.5000 | 0.4942 |
| L4 | Standard | $4.411 \mathrm{e}+06$ | 19.54 | 2.5000 | 2.5608 |
| L5 | Standard | $1.320 \mathrm{e}+07$ | 19.54 | 7.5000 | 7.4721 |
| L6 | Standard | $2.322 \mathrm{e}+07$ | 19.53 | 15.0000 | 14.8344 |
| L7 | Standard | $3.244 \mathrm{e}+07$ | 19.53 | 20.0000 | 20.1373 |
| Solvent Blank 2 | Blank | $9.467 e+03$ | 19.54 | N/A | N/A |
| PB | Unknown | $3.818 \mathrm{e}+04$ | 19.51 | N/A | 0.0187 |
| PB | Unknown | $3.031 \mathrm{e}+06$ | 19.51 | N/A | 1.5337 |
| Ob-B | Unknown | $1.221 \mathrm{e}+04$ | 19.50 | N/A | 0.0043 |
| Ob-S | Unknown | $2.897 \mathrm{e}+06$ | 19.50 | N/A | 1.7274 |
| Ped-B | Unknown | $5.707 \mathrm{e}+03$ | 19.51 | N/A | 0.0085 |
| Ped-S | Unknown | $1.227 \mathrm{e}+06$ | 19.49 | N/A | 1.7453 |
| Mara-B | Unknown | $4.475 \mathrm{e}+03$ | 19.50 | N/A | 0.0061 |
| Mara-S | Unknown | $4.281 \mathrm{e}+05$ | 19.50 | N/A | 1.1892 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $8.407 \mathrm{e}+05$ | 19.52 | N/A | 0.3630 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $8.613 \mathrm{e}+05$ | 19.52 | N/A | 0.3657 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $7.009 \mathrm{e}+03$ | 19.51 | N/A | 0.0023 |
| 1 | Unknown | $6.565 \mathrm{e}+03$ | 19.47 | N/A | 0.0015 |
| 2 | Unknown | $6.441 \mathrm{e}+03$ | 19.49 | N/A | 0.0061 |
| 3 | Unknown | $8.765 \mathrm{e}+03$ | 19.49 | N/A | 0.0030 |
| 4 | Unknown | $5.851 \mathrm{e}+03$ | 19.51 | N/A | 0.0106 |
| 5 | Unknown | $8.920 \mathrm{e}+03$ | 19.50 | N/A | 0.0027 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.376 \mathrm{e}+06$ | 19.52 | N/A | 0.3838 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | $4.898 \mathrm{e}+03$ | 19.50 | N/A | 0.0088 |
| 7 | Unknown | $6.681 \mathrm{e}+03$ | 19.48 | N/A | 0.0028 |
| 8 | Unknown | 8.237e+03 | 19.50 | N/A | 0.0032 |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $6.898 \mathrm{e}+03$ | 19.48 | N/A | 0.0019 |
| Avid-Spike | Unknown | $9.004 \mathrm{e}+05$ | 19.47 | N/A | 0.5295 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $1.610 \mathrm{e}+06$ | 19.52 | $\mathrm{~N} / \mathrm{A}$ | 0.3245 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |













| Solvent Blank 5 |  | 100 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (19.50) min |  |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | 18 19  <br> 10 21 22 |  |  |  |
| Area: | N/A | Time, min |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |
| L3-CC2 |  |  |  | ${ }^{9.52}$ |  |
| RT (Exp. RT): | 19.52 (19.50) min | 1 e 5 |  |  |  |
| [Calculated | $0.3838 \mathrm{ng} / \mathrm{ml}$ | 0 eO |  | $1{ }^{+}$ |  |
| Conc]: |  |  | 18 | 192021 |  |
| Area: | 1375505 |  |  | Time, min |  |
| Area Ratio | 0.69 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |




| SOlvent Blank 7 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (19.50) min |  |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  | 18 | $19^{+} 2021$ | 22 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Blank) |  |  |  |  |




Analyte: PFODA (912.5 / 868.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | $\begin{aligned} & \hline \text { Calculated } \\ & \text { Conc]. } \\ & (\mathrm{ng} / \mathrm{ml}) \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $4.649 \mathrm{e}+03$ | 20.73 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $2.388 \mathrm{e}+04$ | 20.71 | 0.0250 | 0.0262 |
| L2 | Standard | $1.125 \mathrm{e}+05$ | 20.71 | 0.1250 | 0.1221 |
| L3 | Standard | $4.840 \mathrm{e}+05$ | 20.71 | 0.5000 | 0.4777 |
| L4 | Standard | $2.337 \mathrm{e}+06$ | 20.71 | 2.5000 | 2.5430 |
| L5 | Standard | $7.129 \mathrm{e}+06$ | 20.71 | 7.5000 | 7.5864 |
| L6 | Standard | $1.220 \mathrm{e}+07$ | 20.71 | 15.0000 | 14.6926 |
| L7 | Standard | $1.717 \mathrm{e}+07$ | 20.71 | 20.0000 | 20.2063 |
| Solvent Blank 2 | Blank | $1.670 \mathrm{e}+04$ | 20.72 | N/A | N/A |
| PB | Unknown | $4.086 \mathrm{e}+04$ | 20.69 | N/A | 0.0455 |
| PB | Unknown | $1.658 \mathrm{e}+06$ | 20.69 | N/A | 1.5745 |
| Ob-B | Unknown | $1.150 \mathrm{e}+04$ | 20.70 | N/A | 0.0151 |
| Ob-S | Unknown | $2.103 \mathrm{e}+06$ | 20.68 | N/A | 2.3619 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $4.607 \mathrm{e}+05$ | 20.68 | N/A | 1.2261 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.490 \mathrm{e}+05$ | 20.69 | N/A | 1.2997 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $5.711 \mathrm{e}+05$ | 20.70 | N/A | 0.4670 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $5.373 \mathrm{e}+05$ | 20.70 | N/A | 0.4322 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | 8.052e+05 | 20.70 | N/A | 0.4255 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | $2.954 \mathrm{e}+05$ | 20.69 | N/A | 0.3882 |
| Avid-Spike | Unknown | $5.654 \mathrm{e}+05$ | 20.68 | N/A | 0.6275 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.102 \mathrm{e}+06$ | 20.71 | $\mathrm{~N} / \mathrm{A}$ | 0.4214 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |



















Analyte: FOSAA (555.7 / 497.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $4.680 \mathrm{e}+03$ | 14.32 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.865 \mathrm{e}+04$ | 14.43 | 0.0250 | 0.0289 |
| L2 | Standard | $1.096 \mathrm{e}+05$ | 14.41 | 0.1250 | 0.1116 |
| L3 | Standard | $5.004 \mathrm{e}+05$ | 14.41 | 0.5000 | 0.4685 |
| L4 | Standard | $2.586 \mathrm{e}+06$ | 14.39 | 2.5000 | 2.5271 |
| L5 | Standard | $7.446 \mathrm{e}+06$ | 14.38 | 7.5000 | 7.5647 |
| L6 | Standard | $1.272 \mathrm{e}+07$ | 14.38 | 15.0000 | 14.9025 |
| L7 | Standard | $1.810 \mathrm{e}+07$ | 14.37 | 20.0000 | 20.0473 |
| Solvent Blank 2 | Blank | $5.768 \mathrm{e}+03$ | 14.38 | N/A | N/A |
| PB | Unknown | $5.240 \mathrm{e}+03$ | 14.38 | N/A | 0.0177 |
| PB | Unknown | $8.041 \mathrm{e}+05$ | 14.37 | N/A | 0.6960 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $9.051 \mathrm{e}+05$ | 14.34 | N/A | 0.7297 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $3.432 \mathrm{e}+05$ | 14.37 | N/A | 1.4643 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $3.223 \mathrm{e}+05$ | 14.37 | N/A | 0.6440 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $5.267 \mathrm{e}+05$ | 14.36 | N/A | 0.4364 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $5.561 \mathrm{e}+05$ | 14.36 | N/A | 0.4557 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | $5.954 \mathrm{e}+03$ | 14.26 | N/A | 0.0292 |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | 7.952e+05 | 14.33 | N/A | 0.4289 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $6.592 \mathrm{e}+05$ | 14.29 | N/A | 0.3215 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.058 \mathrm{e}+06$ | 14.30 | $\mathrm{~N} / \mathrm{A}$ | 0.4027 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |









| Ped-S |  | 20000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.37 (14.40) min |  |  |  |  |
| [Calculated Conc]: | $1.4643 \mathrm{ng} / \mathrm{ml}$ |  | 13 14 15 <br>   16 <br>  Time, $\min$  |  |  |
| Area: | 343225 |  |  |  |  |
| Area Ratio | 6.69 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |




| Solvent Bloank3 |  |  |  |
| :---: | :---: | :---: | :---: |
| RT (Exp. RT): <br> [Calculated <br> Conc]: <br> Area: <br> Area Ratio <br> Sample Type: | N/A (14.40) min <br> N/A ng/ml <br> N/A <br> N/A <br> (Blank) |  |  |
| L3-CC1 |  | 0 |  |
| RT (Exp. RT): | 14.36 (14.40) min |  |  |
| [Calculated Concl: | $0.4364 \mathrm{ng} / \mathrm{ml}$ |  |  |
| Area: | 526679 |  |  |
| Area Ratio Sample Type: | $\begin{aligned} & 1.97 \\ & \text { (Unknown) } \end{aligned}$ |  |  |



SCIEX

| L3-CC1 |  |  | ${ }^{14.36}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.36 (14.40) min |  |  |  |  |
| [Calculated Conc]: | $0.4557 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14^{+1}$ |  |
| Area: | 556105 |  |  | Time, min |  |
| Area Ratio | $2.06$ |  |  |  |  |




| 1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.40) min |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{llll}0 & 13 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |




| 4 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(14.40)$ min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | $\mathrm{N} / \mathrm{A}$ |  |
| Area: |  |  |
| Area Ratio | $\mathrm{N} / \mathrm{A}$ |  |
| Sample Type: | (Unknown) |  |







| L3-CC3 |  | 1 e 5 | $\begin{gathered} 14.30 \\ 4 . \\ \hline \text { S. } \\ \hline \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.30 (14.40) min |  |  |  |  |
| [Calculated Conc]: | $0.4027 \mathrm{ng} / \mathrm{ml}$ | Oe0 | 13 | $14 * 15$ |  |
| Area: | 1057722 |  |  | Time, min |  |
| Area Ratio Sample Type: | $1.82$ <br> (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (14.40) min |  |
| [Calculated | N/A ng/ml |  |
| Conc]: |  |  |
| Area: <br> Area Ratio <br> Sample Type: | N/A |  |
| (Blank) |  |  |

Analyte: HFPO-DA (328.7 / 169.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | N/A | N/A | 0.0250 | N/A |
| L2 | Standard | $6.393 \mathrm{e}+03$ | 11.33 | 0.1250 | 0.0974 |
| L3 | Standard | $2.602 \mathrm{e}+04$ | 11.33 | 0.5000 | 0.5971 |
| L4 | Standard | $1.231 \mathrm{e}+05$ | 11.33 | 2.5000 | 2.7004 |
| L5 | Standard | 3.681e+05 | 11.33 | 7.5000 | 6.9198 |
| L6 | Standard | $7.146 \mathrm{e}+05$ | 11.33 | 15.0000 | 15.4860 |
| L7 | Standard | $1.133 \mathrm{e}+06$ | 11.33 | 20.0000 | 19.8227 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | 4.397e+04 | 11.31 | N/A | 1.0019 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.634 \mathrm{e}+04$ | 11.53 | N/A | N/A |
| Ped-B | Unknown | $4.200 \mathrm{e}+04$ | 11.54 | N/A | N/A |
| Ped-S | Unknown | $4.908 \mathrm{e}+04$ | 11.54 | N/A | N/A |
| Mara-B | Unknown | $3.864 \mathrm{e}+03$ | 11.51 | N/A | N/A |
| Mara-S | Unknown | $1.634 \mathrm{e}+04$ | 11.30 | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.587 \mathrm{e}+04$ | 11.31 | N/A | 0.4693 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | 2.841e+04 | 11.32 | N/A | 0.6289 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | $2.462 \mathrm{e}+04$ | 11.52 | N/A | N/A |
| 3 | Unknown | $3.035 \mathrm{e}+03$ | 11.53 | N/A | 0.0493 |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | $7.649 \mathrm{e}+03$ | 11.54 | N/A | 0.1397 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $3.736 \mathrm{e}+04$ | 11.30 | N/A | 0.6884 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | $1.115 \mathrm{e}+04$ | 11.51 | N/A | < 0 |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $9.659 \mathrm{e}+03$ | 11.52 | N/A | 0.2040 |
| 10 | Unknown | $4.862 \mathrm{e}+03$ | 11.51 | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.528 \mathrm{e}+04$ | 11.30 | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $4.954 \mathrm{e}+04$ | 11.29 | $\mathrm{~N} / \mathrm{A}$ | 0.7604 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.50) min | $\begin{array}{lc} 10 & 11 \\ & 12 \\ \text { Time, min } \end{array}$ |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |
| Area: | N/A |  |
| Area Ratio | N/A (Blank) |  |
| Sample Type: | (Blank) |  |
| Solvent Blank1 |  |  |
| RT (Exp. RT): | N/A (11.50) min | nnwhm |
| [Calculated | N/A ng/ml | $0-1011+1213$ |
| Conc]: |  | $10 \quad 11 \quad 12 \quad 13$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A |  |





| Mara-B |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 11.51 (11.50) min |  |  |  |  |
| [Calculated | N/A ng/ml |  |  |  |  |
| Area: | 3864 |  |  |  |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |





SCIEX


| 4 |  | 200 |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (11.50) min |  |
| [Calculated | N/A ng/ml |  |
| Conc]: | N/A |  |
| Area: |  |  |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |






| SOIvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.50) min | hwivmuwN |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{lll}10 & 11\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |


| L3-CC3 |  | 5000 | ${ }^{1129}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 11.29 (11.29) min |  |  |  |  |
| [Calculated Conc]: | $0.7604 \mathrm{ng} / \mathrm{ml}$ |  | 10 | $11^{+} 12$ | 13 |
| Area: | 49536 |  |  | Time, min |  |
| Area Ratio | 7.60 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (11.50) min |  |
| [Calculated Concl: | N/A ng/ml |  |
| Area: | N/A | Time, min |
| Area Ratio | N/A (Blank) |  |

Analyte: HFPO-DA t2 (328.7 / 285.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | N/A | N/A | 0.0250 | N/A |
| L2 | Standard | $7.213 \mathrm{e}+03$ | 11.32 | 0.1250 | 0.1038 |
| L3 | Standard | $3.114 \mathrm{e}+04$ | 11.33 | 0.5000 | 0.5946 |
| L4 | Standard | $1.407 \mathrm{e}+05$ | 11.33 | 2.5000 | 2.5309 |
| L5 | Standard | $4.492 \mathrm{e}+05$ | 11.32 | 7.5000 | 7.0125 |
| L6 | Standard | $8.515 \mathrm{e}+05$ | 11.33 | 15.0000 | 15.8368 |
| L7 | Standard | $1.281 \mathrm{e}+06$ | 11.32 | 20.0000 | 19.5478 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $5.891 \mathrm{e}+04$ | 11.31 | N/A | 1.1078 |
| Ob-B | Unknown | $2.334 \mathrm{e}+04$ | 11.05 | N/A | N/A |
| Ob-S | Unknown | $3.777 \mathrm{e}+04$ | 11.30 | N/A | N/A |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.760 \mathrm{e}+04$ | 11.31 | N/A | N/A |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.463 \mathrm{e}+04$ | 11.30 | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.846 \mathrm{e}+04$ | 11.31 | N/A | 0.4310 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $2.964 \mathrm{e}+04$ | 11.32 | N/A | 0.5424 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $3.671 \mathrm{e}+04$ | 11.31 | N/A | 0.5570 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.845 \mathrm{e}+04$ | 11.29 | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $5.098 \mathrm{e}+04$ | 11.29 | $\mathrm{~N} / \mathrm{A}$ | 0.6444 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |






| Mara-B |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (11.50) min |  |  |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |  |
| Conc]: | $\mathrm{N} / \mathrm{A}$ |  |  |
| Area: | N/A |  |  |
| Area Ratio | Nime, min |  |  |
| Sample Type: | (Unknown) |  |  |


| Mara-S |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 11.30 (11.30) min | $0 \sim 10 \begin{array}{ccc}11^{4} & 12 \\ \text { Time, min }\end{array}$ |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |  |
| Area: | 24633 |  |  |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |










| SOlvent Blank 7 <br> RT (Exp. RT): | N/A (11.50) min |  |  |
| :---: | :---: | :---: | :---: |
| [Calculated Conc]: | N/A ng/ml |  |  |
| Area: | N/A |  |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |


| L3-CC3 |  | 5000 | 11.29 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 11.29 (11.29) min |  |  |  |  |
| [Calculated Concl: | $0.6444 \mathrm{ng} / \mathrm{ml}$ |  | $10 \begin{array}{ccc} 11^{+} \quad 12 \\ \text { Time, } \min \end{array}$ |  |  |
| Area: | 50979 |  |  |  |  |
| Area Ratio Sample Type: | 7.82 <br> (Unknown) |  |  |  |  |



Analyte: NaDONA (376.7 / 251.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $4.933 \mathrm{e}+04$ | 12.39 | 0.0250 | 0.0230 |
| L2 | Standard | $2.540 \mathrm{e}+05$ | 12.39 | 0.1250 | 0.1176 |
| L3 | Standard | $1.121 \mathrm{e}+06$ | 12.39 | 0.5000 | 0.5839 |
| L4 | Standard | $5.180 \mathrm{e}+06$ | 12.39 | 2.5000 | 2.4880 |
| L5 | Standard | $1.665 \mathrm{e}+07$ | 12.40 | 7.5000 | 7.0517 |
| L6 | Standard | $3.033 \mathrm{e}+07$ | 12.39 | 15.0000 | 15.9470 |
| L7 | Standard | $4.432 \mathrm{e}+07$ | 12.39 | 20.0000 | 19.4436 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.866 \mathrm{e}+06$ | 12.38 | N/A | 0.9421 |
| Ob-B | Unknown | $1.815 \mathrm{e}+04$ | 12.37 | N/A | N/A |
| Ob-S | Unknown | $2.318 \mathrm{e}+06$ | 12.38 | N/A | N/A |
| Ped-B | Unknown | $2.720 \mathrm{e}+03$ | 12.37 | N/A | N/A |
| Ped-S | Unknown | $1.075 \mathrm{e}+06$ | 12.37 | N/A | N/A |
| Mara-B | Unknown | $3.329 \mathrm{e}+03$ | 12.36 | N/A | N/A |
| Mara-S | Unknown | $5.376 \mathrm{e}+05$ | 12.36 | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.055 \mathrm{e}+06$ | 12.38 | N/A | 0.4420 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.142 \mathrm{e}+06$ | 12.38 | N/A | 0.5718 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | $5.646 \mathrm{e}+03$ | 12.37 | N/A | 0.0076 |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.453 \mathrm{e}+06$ | 12.37 | N/A | 0.6029 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.229 \mathrm{e}+06$ | 12.36 | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.788 \mathrm{e}+06$ | 12.36 | $\mathrm{~N} / \mathrm{A}$ | 0.6150 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |


| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min |  |
| [Calculated Conc]: | N/A ng/ml | $0 \xrightarrow[11]{12}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Solvent Blank1 |  |  |
| RT (Exp. RT): | N/A (12.55) min |  |
| [Calculated Conc]: | N/A ng/ml | $0-12$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |




| PB |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(12.55)$ min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | $\mathrm{N} / \mathrm{A}$ |  |
| Area: |  |  |
| Area Ratio | $\mathrm{N} / \mathrm{A}$ |  |
| Sample Type: | (Unknown) |  |


| PB |  | $\begin{aligned} & 1 \mathrm{e} 5 \\ & 0 \mathrm{eO} \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.38 (12.55) min |  |  |  |  |
| [Calculated | $0.9421 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Conc]: | $0.9421 \mathrm{ng} / \mathrm{ml}$ |  | 11 | $12^{*} 13$ | 14 |
| Area: | 1865819 |  |  | Time, min |  |
| Area Ratio | 420.24 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| Ped-B |  | ${ }^{1237}$ |
| :---: | :---: | :---: |
| RT (Exp. RT): | 12.37 (12.55) min | 1 , |
| [Calculated | N/A ng/ml | 0 |
| Conc]: | NAng/m | $11 \begin{array}{llll}11 & 12 & 13 & 14\end{array}$ |
| Area: | 2720 | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| Ped-S |  | 1 e 5 | ${ }^{1237}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.37 (12.55) min |  |  | , |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | 11 | $\begin{array}{ll} \hline 12+13 & 14 \\ \text { Time, min } & \end{array}$ |  |
| Area: | 1074758 |  |  |  |  |
| Area Ratio Sample Type: | N/A <br> (Unknown) |  |  |  |  |


| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | 12.36 (12.55) min |  |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |
| Conc]: |  | $11 \quad 12 \quad 13 \quad 14$ |
| Area: | 3329 | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| Mara-S <br> RT (Exp. RT): | 12.36 (12.55) min | $\begin{aligned} & 5 e 4 \\ & 0 e 0 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| [Calculated Concl: | N/A ng/ml |  | 11 | $12^{+13}$ | 14 |
| Area: | 537579 |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |




| L3-CC1 |  | $\begin{aligned} & 1 \mathrm{e} 5 \\ & 0 \mathrm{e} 0 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.38 (12.55) min |  |  |  |  |
| [Calculated Concl: | $0.5718 \mathrm{ng} / \mathrm{ml}$ |  | 11 | $12^{+13}$ | 14 |
| Area: | 1141562 |  |  | Time, min |  |
| Area Ratio | 255.08 |  |  |  |  |



| 2 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (12.55) min | 200 |
| [Calculated | N/A ng/ml |  |
| Conc]: | N/A |  |
| Area: <br> Area Ratio <br> Sample Type: | N/A |  |
| (Unknown) |  |  |$\quad 12$


| 3 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (12.55) min |  |
| [Calculated | N/A ng/ml |  |
| Conca: |  |  |
| Area: <br> Area Ratio <br> Sample Type: | N/A <br> (Unknown) |  |



| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min |  |
| [Calculated Concl: | N/A ng/ml | $0 \frac{11}{11}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





| 9 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min | N Nonsus |
| [Calculated Concl: | N/A ng/ml |  |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |
| 10 |  |  |
| RT (Exp. RT): | N/A (12.55) min |  |
| [Calculated Conc]: | N/A ng/ml | $11 \quad 12^{*} 13 \quad 14$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| SOlvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min | $\operatorname{HW}^{M} h \sqrt{n} \sim N$ |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llll} & 11 & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| L3-CC3 |  | $\begin{aligned} & 1 \mathrm{e} 5 \\ & 0 \mathrm{e} 0 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.36 (12.55) min |  |  |  |  |
| [Calculated Concl: | $0.6150 \mathrm{ng} / \mathrm{ml}$ |  | 11 | $12^{+13}$ | 14 |
| Area: | 1788315 |  |  | Time, min |  |
| Area Ratio Sample Type: | 274.39 <br> (Unknown) |  |  |  |  |


| Solvent Blank 8 |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (12.55) min | 0 | 11 |
| [Calculated | N/A ng/ml |  | 12 |
| Conca: |  |  |  |
| Area: | N/A |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Blank) |  |  |

Analyte: NaDONA t2 (376.7 / 85.1)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $2.165 \mathrm{e}+04$ | 12.40 | 0.0250 | 0.0231 |
| L2 | Standard | $1.061 \mathrm{e}+05$ | 12.39 | 0.1250 | 0.1176 |
| L3 | Standard | $4.580 \mathrm{e}+05$ | 12.39 | 0.5000 | 0.5752 |
| L4 | Standard | $2.201 \mathrm{e}+06$ | 12.39 | 2.5000 | 2.5501 |
| L5 | Standard | $6.796 \mathrm{e}+06$ | 12.39 | 7.5000 | 6.9093 |
| L6 | Standard | $1.285 \mathrm{e}+07$ | 12.39 | 15.0000 | 16.1164 |
| L7 | Standard | $1.859 \mathrm{e}+07$ | 12.39 | 20.0000 | 19.3661 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | 7.807e+05 | 12.38 | N/A | 0.9509 |
| Ob-B | Unknown | $1.577 \mathrm{e}+04$ | 12.36 | N/A | N/A |
| Ob-S | Unknown | $9.893 \mathrm{e}+05$ | 12.38 | N/A | N/A |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $4.467 \mathrm{e}+05$ | 12.37 | N/A | N/A |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $2.189 \mathrm{e}+05$ | 12.36 | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.535 \mathrm{e}+05$ | 12.38 | N/A | 0.4577 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.916 \mathrm{e}+05$ | 12.38 | N/A | 0.5937 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | $2.864 \mathrm{e}+03$ | 12.37 | N/A | 0.0075 |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $6.049 \mathrm{e}+05$ | 12.37 | N/A | 0.6051 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $4.904 \mathrm{e}+05$ | 12.36 | N/A | N/A |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $7.399 \mathrm{e}+05$ | 12.36 | $\mathrm{~N} / \mathrm{A}$ | 0.6136 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





| PB |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(12.55)$ min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | N/A |  |
| Area: |  |  |
| Area Ratio | $\mathrm{N} / \mathrm{A}$ |  |
| Sample Type: | (Unknown) |  |


| PB |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.38 (12.55) min |  |  |  |  |
| [Calculated | $0.9509 \mathrm{ng} / \mathrm{ml}$ |  |  |  |  |
| Area: | 780684 |  |  | Time, min |  |
| Area Ratio | 175.84 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |


| Ob-B |  | 1000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.36 (12.55) min |  |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  | $12^{+13}$ |  |
| Area: | 15770 |  |  | Time, min |  |
| Area Ratio Sample Type | N/A |  |  |  |  |
| Ob-S |  | 1 e 5 |  |  |  |
| RT (Exp. RT): | 12.38 (12.55) min |  |  |  |  |
| [Calculated Conc): | N/A ng/ml |  | 11 | $12^{+13}$ | 14 |
| Area: | 989264 |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A |  |  |  |  |


| Ped-B |  | 10000 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  | 11 | $12^{13}$ | 14 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A <br> (Unknown) |  |  |  |  |



| Mara-B |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min | $M$ |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $012+1314$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A |  |


| Mara-S |  | 20000 | $\int_{1}^{1236}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 12.36 (12.55) min |  |  |  |  |
| [Calculated Conc): | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | 0 | 11 | $12^{+13}$ | 14 |
| Area: | 218926 |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |





| 4 |  | 200 |
| :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(12.55)$ min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | $\mathrm{N} / \mathrm{A}$ |  |
| Area: |  |  |
| Area Ratio | $\mathrm{N} / \mathrm{A}$ |  |
| Sample Type: | (Unknown) |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (12.55) min | $200$ |
| [Calculated Conc]: | N/A ng/ml | $0-11{ }^{12}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





| SOlvent Blank 7 |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (12.55) min |  |  |
| [Calculated | N/A ng/ml |  |  |
| Conc]: | N/A |  | 12 |
| Area: |  |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Blank) |  |  |



| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): <br> [Calculated | N/A (12.55) min N/A ng/ml | $0 \text { NWNNMNM }$ |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}11 & 12 & 13 & 14\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: 9CI-PF3ONS (530.6 / 350.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | $3.389 \mathrm{e}+03$ | 15.73 | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $6.720 \mathrm{e}+04$ | 15.75 | 0.0250 | 0.0252 |
| L2 | Standard | $3.144 \mathrm{e}+05$ | 15.75 | 0.1250 | 0.1223 |
| L3 | Standard | $1.376 \mathrm{e}+06$ | 15.75 | 0.5000 | 0.5066 |
| L4 | Standard | $6.358 \mathrm{e}+06$ | 15.75 | 2.5000 | 2.5072 |
| L5 | Standard | $1.936 \mathrm{e}+07$ | 15.75 | 7.5000 | 7.5072 |
| L6 | Standard | 3.616e+07 | 15.75 | 15.0000 | 14.9351 |
| L7 | Standard | $4.689 \mathrm{e}+07$ | 15.75 | 20.0000 | 20.0468 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.123 \mathrm{e}+06$ | 15.74 | N/A | 1.6688 |
| Ob-B | Unknown | 7.026e+05 | 15.60 | N/A | 0.3421 |
| Ob-S | Unknown | $2.137 \mathrm{e}+06$ | 15.69 | N/A | 1.0032 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.439 \mathrm{e}+05$ | 15.73 | N/A | 0.7602 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $9.579 \mathrm{e}+05$ | 15.74 | N/A | 2.7279 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.209 \mathrm{e}+06$ | 15.74 | N/A | 0.4287 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.351 \mathrm{e}+06$ | 15.74 | N/A | 0.4641 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | $1.314 \mathrm{e}+05$ | 15.58 | N/A | 0.0780 |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.721 \mathrm{e}+06$ | 15.73 | N/A | 0.4387 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $4.439 \mathrm{e}+05$ | 15.72 | N/A | 0.2186 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> (ng/ml) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.045 \mathrm{e}+06$ | 15.73 | $\mathrm{~N} / \mathrm{A}$ | 0.4110 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |




| L3 |  | 1 e 5 | 15.75 |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 15.75 (15.70) min |  |  |  |
| [Calculated Conc]: | $0.5066 \mathrm{ng} / \mathrm{ml}$ |  | $15 \quad 16 \quad 17$ |  |
| Area: | 1375722 |  | Time, min |  |
| Area Ratio | 1.39 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L4 |  |  | 15.75 |  |
| RT (Exp. RT): | 15.75 (15.70) min |  |  |  |
| [Calculated Conc): | $2.5072 \mathrm{ng} / \mathrm{ml}$ |  | $15 \quad 16 \quad 17$ |  |
| Area: | 6358010 |  | Time, min |  |
| Area Ratio | 6.83 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L5 |  | 2 e 6 |  |  |
| RT (Exp. RT): | 15.75 (15.70) min |  |  |  |
| [Calculated Concl: | $7.5072 \mathrm{ng} / \mathrm{ml}$ |  | $15 \cdot 1617$ |  |
| Area: | 19361295 |  | Time, min |  |
| Area Ratio | 20.04 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L6 |  |  |  |  |
| RT (Exp. RT): | 15.75 (15.70) min |  |  |  |
| [Calculated Concl: | $14.9351 \mathrm{ng} / \mathrm{ml}$ |  | $15^{+16} 17$ | 18 |
| Area: | 36155194 |  | Time, min |  |
| Area Ratio | 38.66 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| L7 |  | 5 e 6 |  |  |
| RT (Exp. RT): | 15.75 (15.70) min |  |  |  |
| [Calculated Concl: | $20.0468 \mathrm{ng} / \mathrm{ml}$ | Oe0 | $15 \quad{ }^{+16} 17$ |  |
| Area: | 46885739 |  | Time, min |  |
| Area Ratio | 50.78 |  |  |  |
| Sample Type: | (Standard) |  |  |  |
| Solvent Blank 2 |  | 50 |  |  |
| RT (Exp. RT): | N/A (15.70) min | muNunnon |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | $\begin{array}{llllll}14 & 15 & & 16 & 17 & 18\end{array}$ |  |
| Conc]: <br> Area: |  |  |  |  |
| Area Ratio | N/A |  | Time, min |  |
| Sample Type: | (Blank) |  |  |  |







SCIEX



| PB |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.70) min | $\operatorname{mis} \sqrt{ } \wedge \text { Mh }$ |
| [Calculated Conc): | N/A ng/ml | $\begin{array}{llllll}0 & 14 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |





| 4 |  | 100 |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.70) min | $\sim \sim N M N$ |
| [Calculated Conct: | N/A ng/ml | $\begin{array}{llllll}0 & 14 & 15 & & 16 & 17 \\ & 14 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |








| SOIvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.70) min | snumhsun |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{lllllll}0 & 14 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |



| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.70) min | $0 N ル \wedge, N \not N M$ |
| Conc]: | N/A ng/ml | $\begin{array}{llllll}14 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |

Analyte: 9CI-PF3ONS t2 (530.6 / 99.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | N/A | N/A | 0.0250 | N/A |
| L2 | Standard | $4.335 \mathrm{e}+03$ | 15.75 | 0.1250 | 0.1242 |
| L3 | Standard | $1.702 \mathrm{e}+04$ | 15.75 | 0.5000 | 0.4904 |
| L4 | Standard | $8.200 \mathrm{e}+04$ | 15.75 | 2.5000 | 2.5566 |
| L5 | Standard | $2.545 \mathrm{e}+05$ | 15.75 | 7.5000 | 7.6808 |
| L6 | Standard | $4.600 \mathrm{e}+05$ | 15.74 | 15.0000 | 14.3867 |
| L7 | Standard | $6.420 \mathrm{e}+05$ | 15.75 | 20.0000 | 20.3864 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $5.440 \mathrm{e}+04$ | 15.74 | N/A | 1.7426 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.617 \mathrm{e}+04$ | 15.74 | N/A | 0.5955 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | N/A | N/A | N/A | N/A |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.212 \mathrm{e}+04$ | 15.73 | N/A | 2.7277 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.712 \mathrm{e}+04$ | 15.74 | N/A | 0.4752 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.738 \mathrm{e}+04$ | 15.74 | N/A | 0.4667 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.148 \mathrm{e}+04$ | 15.74 | N/A | 0.4275 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | $4.071 \mathrm{e}+03$ | 15.88 | N/A | 0.1680 |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $5.696 \mathrm{e}+03$ | 15.72 | N/A | 0.2139 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.665 \mathrm{e}+04$ | 15.72 | $\mathrm{~N} / \mathrm{A}$ | 0.4179 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |








| Ped-S |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (15.43) min | $1000 \cdot \frac{1}{12}$ |  | Jh |  |
| [Calculated Conc]: | N/A ng/ml |  |  | $15^{*} 16 \quad 17$ | 18 |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio Sample Type: | N/A <br> (Unknown) |  |  |  |  |






SCIEX






| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llllll}0 & 14 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| Solvent Blank 6 |  | 20 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min |  |  |  |  |
| [Calculated Concl: | N/A ng/ml |  |  |  |  |
| Area: | N/A |  | Time, min |  |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |  |
| 6 |  | 1000 |  |  |  |
| RT (Exp. RT): | N/A (16.00) min |  |  |  |  |
| [Calculated Conc): | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  | 14 | $15 \quad 1{ }^{+} 6$ |  |
| Area: | N/A |  |  | Time, min |  |
| Area Ratio | N/A |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



| SOIvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (16.00) min | ロMNuMNMM |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llllll}0 & 14 & 15 & 16 & 17 & 18\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |




Analyte: 11CI-PF3OUdS (630.5 / 450.9)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $3.036 \mathrm{e}+04$ | 17.41 | 0.0250 | 0.0241 |
| L2 | Standard | $1.520 \mathrm{e}+05$ | 17.41 | 0.1250 | 0.1262 |
| L3 | Standard | $6.308 \mathrm{e}+05$ | 17.41 | 0.5000 | 0.4955 |
| L4 | Standard | $3.084 \mathrm{e}+06$ | 17.41 | 2.5000 | 2.5719 |
| L5 | Standard | $9.725 \mathrm{e}+06$ | 17.41 | 7.5000 | 7.8002 |
| L6 | Standard | $1.696 \mathrm{e}+07$ | 17.41 | 15.0000 | 14.0205 |
| L7 | Standard | $2.468 \mathrm{e}+07$ | 17.41 | 20.0000 | 20.6111 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.099 \mathrm{e}+06$ | 17.40 | N/A | 1.8027 |
| Ob-B | Unknown | $3.082 \mathrm{e}+03$ | 17.28 | N/A | 0.0038 |
| Ob-S | Unknown | $1.052 \mathrm{e}+06$ | 17.40 | N/A | 1.0508 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.954 \mathrm{e}+05$ | 17.39 | N/A | 2.1967 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $4.455 \mathrm{e}+05$ | 17.40 | N/A | 2.6808 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $6.113 \mathrm{e}+05$ | 17.40 | N/A | 0.4626 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $6.275 \mathrm{e}+05$ | 17.41 | N/A | 0.4598 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $8.012 \mathrm{e}+05$ | 17.40 | N/A | 0.4358 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $4.069 \mathrm{e}+05$ | 17.37 | N/A | 0.4271 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.010 \mathrm{e}+06$ | 17.39 | $\mathrm{~N} / \mathrm{A}$ | 0.4334 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |





| PB |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(17.40)$ min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | $\mathrm{N} / \mathrm{A}$ |  |
| Area: |  |  |
| Area Ratio | $\mathrm{N} / \mathrm{A}$ |  |
| Sample Type: | (Unknown) |  |





| Ped-S |  | 20000 | ${ }^{17.39}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.39 (17.40) min |  |  |  |  |
| [Calculated Conc]: | 2.1967 ng/ml | 0 | 16 | $17^{+18}$ |  |
| Area: | 195369 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 2.83 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |






| L3-CC1 |  | $5 e 4$ <br> 0 e 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.41 (17.40) min |  |  |  |  |
| [Calculated Conc]: | $0.4598 \mathrm{ng} / \mathrm{ml}$ |  | 16 | $17^{+18}$ |  |
| Area: | 627458 |  |  | Time, min |  |
| Area Ratio | 0.59 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |




| 2 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min |  |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{lllll}0 & 16 & 17^{+} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | Nunaman |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 16 & 17^{*} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| 5 |  | 200 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min |  |  |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |  |  |  |
| Area: | N/A | Time, min |  |  |  |
| Area Ratio Sample Type: | N/A (Unknown) |  |  |  |  |  |  |  |





| 9 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min |  |
| [Calculated Concl: | N/A ng/ml |  |
| Area: | N/A |  |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |
| 10 |  |  |
| RT (Exp. RT): | N/A (17.40) min |  |
| [Calculated | N/A ng/ml | $\begin{array}{lllll}0 & 16 & 17^{*} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| SOIvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | $\wedge n M N_{N M}$ |
| [Calculated Concl: | N/A ng/ml | $01617^{+1} 18 \quad 19$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |


| L3-CC3 |  | 1 e 5 | 1739 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.39 (17.40) min |  |  |  |  |
| [Calculated Concl: | $0.4334 \mathrm{ng} / \mathrm{ml}$ |  | $16 \begin{array}{lll}16 & 17^{*} 18 & 19 \\ & \text { Time, min }\end{array}$ |  |  |
| Area: | 1010455 |  |  |  |  |
| Area Ratio | 0.56 |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |



Analyte: 11CI-PF3OUdS t2 (630.5 / 83.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | N/A | N/A | 0.0250 | N/A |
| L2 | Standard | $3.152 \mathrm{e}+03$ | 17.41 | 0.1250 | 0.1257 |
| L3 | Standard | $1.406 \mathrm{e}+04$ | 17.41 | 0.5000 | 0.4794 |
| L4 | Standard | $7.380 \mathrm{e}+04$ | 17.41 | 2.5000 | 2.5876 |
| L5 | Standard | $2.310 \mathrm{e}+05$ | 17.41 | 7.5000 | 7.6790 |
| L6 | Standard | $4.251 \mathrm{e}+05$ | 17.41 | 15.0000 | 14.3505 |
| L7 | Standard | $6.055 \mathrm{e}+05$ | 17.41 | 20.0000 | 20.4021 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.944 \mathrm{e}+04$ | 17.40 | N/A | 1.7934 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $2.921 \mathrm{e}+04$ | 17.39 | N/A | 1.2382 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $4.511 \mathrm{e}+03$ | 17.39 | N/A | 2.1373 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.054 \mathrm{e}+04$ | 17.39 | N/A | 2.6653 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.375 \mathrm{e}+04$ | 17.41 | N/A | 0.4524 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.498 \mathrm{e}+04$ | 17.40 | N/A | 0.4766 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | 1.896e+04 | 17.39 | N/A | 0.4486 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.042 \mathrm{e}+04$ | 17.37 | N/A | 0.4748 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $2.273 \mathrm{e}+04$ | 17.39 | $\mathrm{~N} / \mathrm{A}$ | 0.4250 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |



| Solvent Blank1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | 0 <br> wowhunmwno |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{lllll}0 & 16 & 17^{*} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |
| L1 ${ }^{\text {L1 }}$ |  |  |
| RT (Exp. RT): | N/A (17.42) min |  |
| [Calculated | N/A ng/ml |  |
| Conc]: |  | $\begin{array}{lllll} & 16 & 17^{+} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Standard) |  |
| L2 |  |  |
| RT (Exp. RT): | 17.41 (17.40) min |  |
| [Calculated | $0.1257 \mathrm{ng} / \mathrm{ml}$ | $0 \sim 16$ |
| Conc]: |  |  |
| Area: | 3152 | Time, min |
| Area Ratio | 0.00 |  |
| Sample Type: | (Standard) |  |








| L3-CC1 |  | 1000 | ${ }^{40}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 17.40 (17.40) min |  |  |  |  |
| [Calculated Conc]: | $0.4766 \mathrm{ng} / \mathrm{ml}$ |  | 16 | $17^{+} 1$ | 19 |
| Area: | 14983 |  |  | Time, min |  |
| Area Ratio | $0.01$ |  |  |  |  |


| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | $\text { owhus } w^{n} \operatorname{lm}_{n}$ |
| [Calculated Concl: | N/A ng/ml | $0 \begin{array}{llll}16 & 17^{*} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| PB |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (17.40) min |  |
| [Calculated | N/A ng/ml |  |
| Conc]: | N/A |  |
| Area: |  |  |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





| 4 |  | 100 |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | ran surrom |
| [Calculated Conct: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 16 & 17^{*} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |




| Solvent Blank 6 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min | $J W N W H$ |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{lllll}16 & 17^{\text { }} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |
| 6 |  |  |
| RT (Exp. RT): | N/A (17.40) min |  |
| [Calculated | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{llllll}0 & -16 & 16 & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| SOlvent Blank 7 |  | (20 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (17.40) min |  |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |  |  |
| Area: | N/A |  |  |  |
| Area Ratio | N/A |  |  |  |
| Sample Type: | (Blank) |  |  |  |



| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (17.40) min |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $\begin{array}{lllll}0 & 16 & 17^{*} & 18 & 19\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: PFDoS t2 (698.6 / 99.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | $\begin{gathered} \text { Sample } \\ \text { Type } \end{gathered}$ | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/mi) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $4.081 \mathrm{e}+03$ | 18.44 | 0.0250 | 0.0222 |
| L2 | Standard | $2.265 \mathrm{e}+04$ | 18.44 | 0.1250 | 0.1296 |
| L3 | Standard | $9.456 \mathrm{e}+04$ | 18.44 | 0.5000 | 0.5142 |
| L4 | Standard | $4.590 \mathrm{e}+05$ | 18.44 | 2.5000 | 2.6840 |
| L5 | Standard | $1.289 \mathrm{e}+06$ | 18.44 | 7.5000 | 7.4501 |
| L6 | Standard | $2.310 \mathrm{e}+06$ | 18.44 | 15.0000 | 14.3242 |
| L7 | Standard | $3.157 \mathrm{e}+06$ | 18.43 | 20.0000 | 20.5369 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.750 \mathrm{e}+05$ | 18.41 | N/A | 1.6469 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.946 \mathrm{e}+05$ | 18.41 | N/A | 1.3526 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $4.111 \mathrm{e}+04$ | 18.40 | N/A | 3.2498 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $6.703 \mathrm{e}+04$ | 18.41 | N/A | 2.8303 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.078 \mathrm{e}+05$ | 18.43 | N/A | 0.5651 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.082 \mathrm{e}+05$ | 18.43 | N/A | 0.5490 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.360 \mathrm{e}+05$ | 18.42 | N/A | 0.5119 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $5.466 \mathrm{e}+04$ | 18.39 | N/A | 0.3970 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | N/A | N/A |
| L3-CC3 | Unknown | $1.784 \mathrm{e}+05$ | 18.42 | $\mathrm{~N} / \mathrm{A}$ | 0.5297 |
| Solvent Blank 8 | Blank | N/A | $\mathrm{N} / \mathrm{A}$ | N/A | N/A |






| Mara-B |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | $\mathrm{N} / \mathrm{A}(18.50)$ min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | N/A | 0 |
| Area: |  |  |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |





SCIEX


| Solvent Blank 4 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (18.50) min | 20 |
| [Calculated | N/A ng/ml |  |
| Conc]: | N/A | 0 |
| Area: |  |  |
| Area Ratio |  |  |
| Sample Type: | N/A |  |
| (Blank) |  |  |



| 2 |  | 1000 |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (18.50) min |  |
| [Calculated | N/A ng/ml |  |
| Conc]: | N/A | 0 |
| Area: <br> Area Ratio <br> Sample Type: | N/A |  |
| (Unknown) |  |  |


| 3 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min | N~Ns iNn |
| [Calculated Conc]: | N/A ng/ml | $01718{ }^{+19}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min | Nomw |
| [Calculated Concl: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $0-17 \quad 18 \times 19 \quad 20$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min | munnum |
| [Calculated Conc]: | N/A ng/ml | $0-17 \quad 18{ }^{+19} 20$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |




| 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min | nuv |
| [Calculated | N/A ng/ml | $0 \sim 17 \quad 18{ }^{+19} 20$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 8 |  | $100$ |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min |  |
| [Calculated | N/A ng/ml | $17 \quad 18{ }^{+} 19 \quad 20$ |
| Conc]: Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 9 |  | 5000 |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (18.50) min |  |
| [Calculated <br> Conc]: | N/A ng/ml |  |
| Area: |  |  |
| Area Ratio |  |  |
| Sample Type: | N/A | N/A |
| (Unknown) |  |  |





| SOlvent Blank 7 |  |  |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (18.50) min |  |
| [Calculated | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Conc]: | $\mathrm{N} / \mathrm{A}$ |  |
| Area: |  |  |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |



| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (18.50) min |  |
| [Calculated Conc]: | N/A ng/ml | 17 18 <br> 19 20 |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: PFHxDA t2 (812.7 / 168.8)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $5.979 \mathrm{e}+03$ | 19.52 | 0.0250 | 0.0244 |
| L2 | Standard | $2.609 \mathrm{e}+04$ | 19.52 | 0.1250 | 0.1256 |
| L3 | Standard | $1.057 \mathrm{e}+05$ | 19.52 | 0.5000 | 0.4935 |
| L4 | Standard | $5.130 \mathrm{e}+05$ | 19.52 | 2.5000 | 2.5757 |
| L5 | Standard | $1.585 \mathrm{e}+06$ | 19.52 | 7.5000 | 7.7803 |
| L6 | Standard | $2.720 \mathrm{e}+06$ | 19.52 | 15.0000 | 14.0186 |
| L7 | Standard | 3.885e+06 | 19.52 | 20.0000 | 20.6370 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $4.493 \mathrm{e}+03$ | 19.50 | N/A | 0.0222 |
| PB | Unknown | $3.471 \mathrm{e}+05$ | 19.49 | N/A | 1.7896 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $3.414 \mathrm{e}+05$ | 19.48 | N/A | 2.0483 |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | $1.467 \mathrm{e}+05$ | 19.48 | N/A | 10.1326 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $5.260 \mathrm{e}+04$ | 19.49 | N/A | 1.9017 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.020 \mathrm{e}+05$ | 19.51 | N/A | 0.4584 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.030 \mathrm{e}+05$ | 19.51 | N/A | 0.4483 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $1.622 \mathrm{e}+05$ | 19.51 | N/A | 0.5248 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $1.135 \mathrm{e}+05$ | 19.46 | N/A | 0.7099 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $1.967 \mathrm{e}+05$ | 19.50 | $\mathrm{~N} / \mathrm{A}$ | 0.5014 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |











| Mara-S |  | 0 | 19.49 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 19.49 (19.60) min |  |  |  |  |  |
| [Calculated Concl: | $1.9017 \mathrm{ng} / \mathrm{ml}$ |  | 18 | $19^{+} 20$ | 21 | 22 |
| Area: | 52602 |  |  | Time, min |  |  |
| Area Ratio | 0.41 |  |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |  |




SCIEX



| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (19.60) min | anvNManM |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \sim 18 \quad 19{ }^{*} 20 \quad 21 \quad 22$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |







| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT) : | N/A (19.60) min | -mmunatun |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ | $\begin{array}{lllll} & 18 & 19 & 20 & 21\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Blank) |  |

Analyte: PFODA t2 (912.5 / 169.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Qroject | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \mathrm{RT} \\ (\mathrm{~min}) \end{gathered}$ | Target [Conc]. (ng/ml) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $1.929 \mathrm{e}+03$ | 20.70 | 0.0250 | 0.0255 |
| L2 | Standard | $8.907 \mathrm{e}+03$ | 20.70 | 0.1250 | 0.1211 |
| L3 | Standard | $3.861 \mathrm{e}+04$ | 20.70 | 0.5000 | 0.4963 |
| L4 | Standard | $1.829 \mathrm{e}+05$ | 20.70 | 2.5000 | 2.5240 |
| L5 | Standard | $5.693 \mathrm{e}+05$ | 20.70 | 7.5000 | 7.7901 |
| L6 | Standard | $9.657 \mathrm{e}+05$ | 20.70 | 15.0000 | 14.1477 |
| L7 | Standard | $1.335 \mathrm{e}+06$ | 20.70 | 20.0000 | 20.5574 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | $3.512 \mathrm{e}+03$ | 20.68 | N/A | 0.0555 |
| PB | Unknown | $1.307 \mathrm{e}+05$ | 20.68 | N/A | 1.8505 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $1.680 \mathrm{e}+05$ | 20.67 | N/A | 2.7781 |
| Ped-B | Unknown | $2.178 \mathrm{e}+03$ | 20.50 | N/A | 0.4613 |
| Ped-S | Unknown | $3.938 \mathrm{e}+04$ | 20.67 | N/A | 7.5238 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.984 \mathrm{e}+04$ | 20.68 | N/A | 1.9700 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.573 \mathrm{e}+04$ | 20.69 | N/A | 0.5664 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $4.331 \mathrm{e}+04$ | 20.69 | N/A | 0.5194 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $6.430 \mathrm{e}+04$ | 20.69 | N/A | 0.5724 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.871 \mathrm{e}+04$ | 20.67 | N/A | 0.4932 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> (ng/ml) | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $9.035 \mathrm{e}+04$ | 20.69 | $\mathrm{~N} / \mathrm{A}$ | 0.6343 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |





SCIEX


| Mara-B |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (20.70) min |  |  |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |  |  |
| Area: | N/A |  |  |  |
| Area Ratio Sample Type: | N/A <br> (Unknown) |  |  |  |





SCIEX






| 3 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (20.70) min |  |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{lllll} & 19 & 20 & \\ & 21 & 22 & 23\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |







| SOIvent Blank 7 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (20.70) min |  |
| [Calculated Conc]: | N/A ng/ml | $0 \begin{array}{lllll} & 19 & 20 & \\ & 21 & 22 & 23\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |




Analyte: FOSAA t2 (555.7 / 418.7)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | Instrument Name | QTRAP 6500+ Low Mass |
| 2roject | PFAS |  |  |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | $5.402 \mathrm{e}+03$ | 14.43 | 0.0250 | 0.0218 |
| L2 | Standard | $4.232 \mathrm{e}+04$ | 14.41 | 0.1250 | 0.1364 |
| L3 | Standard | $1.690 \mathrm{e}+05$ | 14.40 | 0.5000 | 0.5011 |
| L4 | Standard | $8.185 \mathrm{e}+05$ | 14.39 | 2.5000 | 2.5840 |
| L5 | Standard | $2.484 \mathrm{e}+06$ | 14.37 | 7.5000 | 7.7588 |
| L6 | Standard | $4.169 \mathrm{e}+06$ | 14.37 | 15.0000 | 13.9177 |
| L7 | Standard | $5.902 \mathrm{e}+06$ | 14.37 | 20.0000 | 20.7488 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $2.676 \mathrm{e}+05$ | 14.37 | N/A | 0.8662 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | $3.022 \mathrm{e}+05$ | 14.33 | N/A | 1.1365 |
| Ped-B | Unknown | $5.750 \mathrm{e}+03$ | 14.23 | N/A | 0.2833 |
| Ped-S | Unknown | $1.634 \mathrm{e}+05$ | 14.36 | N/A | 7.1147 |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | $1.102 \mathrm{e}+05$ | 14.36 | N/A | 2.5106 |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.718 \mathrm{e}+05$ | 14.35 | N/A | 0.4909 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $1.746 \mathrm{e}+05$ | 14.36 | N/A | 0.4833 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | $5.445 \mathrm{e}+03$ | 14.24 | N/A | 0.1229 |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $2.748 \mathrm{e}+05$ | 14.33 | N/A | 0.5636 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $2.239 \mathrm{e}+05$ | 14.28 | N/A | 0.8840 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |
| L3-CC3 | Unknown | $3.600 \mathrm{e}+05$ | 14.29 | $\mathrm{~N} / \mathrm{A}$ | 0.5821 |
| Solvent Blank 8 | Blank | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | N/A |










| Mara-B |  | 200 |
| :--- | :--- | :--- |
| RT (Exp. RT): | N/A (14.40) min |  |
| Calculated <br> Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  |
| Area: | $\mathrm{N} / \mathrm{A}$ | 0 |
| Area Ratio |  |  |
| Sample Type: | N/A |  |
| (Unknown) |  |  |


| Mara-S |  | 0 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | 14.36 (14.40) min |  |  |  |  |
| [Calculated Conc): | $2.5106 \mathrm{ng} / \mathrm{ml}$ |  | 13 | $14+15$ |  |
| Area: | 110249 |  |  | Time, min |  |
| Area Ratio Sample Type: | $\begin{aligned} & 0.85 \\ & \text { (Unknown) } \end{aligned}$ |  |  |  |  |




SCIEX





| 2 |  | 14.24 |
| :---: | :---: | :---: |
| RT (Exp. RT): | 14.24 (14.40) min |  |
| [Calculated Concl: | $0.1229 \mathrm{ng} / \mathrm{ml}$ | $0 \xrightarrow[13]{14^{4} 15}$ |
| Area: | 5445 | Time, min |
| Area Ratio | 0.04 |  |
| Sample Type: | (Unknown) |  |



| 4 |  |  |  |
| :--- | :--- | :--- | :--- |
| RT (Exp. RT): | N/A (14.40) min |  |  |
| [Calculated | N/A ng/ml |  |  |
| Conc]: | N/A |  |  |
| Area: |  |  |  |
| Area Ratio | N/A |  |  |
| Sample Type: | (Unknown) |  |  |


| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.40) min | $0 N M \operatorname{s}^{M} \sqrt{v} N$ |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{A} \mathrm{ng} / \mathrm{ml}$ |  13 14 15 |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |



| Solvent Blank 6 |  | 50 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.40) min |  |  |  |
| [Calculated Conc]: | N/A ng/ml |  |  |  |
| Area: | N/A |  | Time, min |  |
| Area Ratio Sample Type: | N/A (Blank) |  |  |  |
| 6 |  |  |  |  |
| RT (Exp. RT): | N/A (14.40) min | 0 crers |  |  |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ |  |  |  |  |  |
| Area: | N/A | Time, min |  |  |
| Area Ratio | N/A |  |  |  |  |  |
| Sample Type: | (Unknown) |  |  |  |  |  |







| Solvent Blank 8 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (14.40) min | 0 hnonNans |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{lllll}13 & 14 & 15 & 16\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Blank) |  |

Analyte: HFPO-DA t3 (328.7 / 119.0)

| Data File | B23-05c3-15-23.wiff | Result Table | B23-05c Purchased and Lasee |
| :--- | :--- | :--- | :--- |
| Acquisition Date | 3/16/2023 12:32:35 PM | Algorithm Used | MQ4 |
| Acquisition Method | PFAS B23-07 schedMRM | 20221229.dam | Instrument Name | QTRAP 6500+ Low Mass | Project | PFAS |  |
| :--- | :--- | :--- |


| Sample Name | Sample Type | Area (cps) | $\begin{gathered} \text { RT } \\ (\mathrm{min}) \end{gathered}$ | Target [Conc]. ( $\mathrm{ng} / \mathrm{ml}$ ) | [Calculated Conc]. (ng/ml) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| Solvent Blank1 | Blank | N/A | N/A | N/A | N/A |
| L1 | Standard | N/A | N/A | 0.0250 | N/A |
| L2 | Standard | N/A | N/A | 0.1250 | N/A |
| L3 | Standard | $7.135 \mathrm{e}+03$ | 11.32 | 0.5000 | 0.4528 |
| L4 | Standard | $3.509 \mathrm{e}+04$ | 11.32 | 2.5000 | 2.8450 |
| L5 | Standard | $1.037 \mathrm{e}+05$ | 11.32 | 7.5000 | 7.1461 |
| L6 | Standard | $1.981 \mathrm{e}+05$ | 11.31 | 15.0000 | 14.9658 |
| L7 | Standard | $3.137 \mathrm{e}+05$ | 11.32 | 20.0000 | 20.0973 |
| Solvent Blank 2 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| PB | Unknown | $1.309 \mathrm{e}+04$ | 11.31 | N/A | 1.1055 |
| Ob-B | Unknown | N/A | N/A | N/A | N/A |
| Ob-S | Unknown | N/A | N/A | N/A | N/A |
| Ped-B | Unknown | N/A | N/A | N/A | N/A |
| Ped-S | Unknown | N/A | N/A | N/A | N/A |
| Mara-B | Unknown | N/A | N/A | N/A | N/A |
| Mara-S | Unknown | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $6.774 \mathrm{e}+03$ | 11.31 | N/A | 0.4685 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| Solvent Bloank3 | Blank | N/A | N/A | N/A | N/A |
| L3-CC1 | Unknown | $7.343 \mathrm{e}+03$ | 11.31 | N/A | 0.5035 |
| Solvent Blank 4 | Blank | N/A | N/A | N/A | N/A |
| PB | Unknown | N/A | N/A | N/A | N/A |
| 1 | Unknown | N/A | N/A | N/A | N/A |
| 2 | Unknown | N/A | N/A | N/A | N/A |
| 3 | Unknown | N/A | N/A | N/A | N/A |
| 4 | Unknown | N/A | N/A | N/A | N/A |
| 5 | Unknown | N/A | N/A | N/A | N/A |
| Solvent Blank 5 | Blank | N/A | N/A | N/A | N/A |
| L3-CC2 | Unknown | $8.566 \mathrm{e}+03$ | 11.30 | N/A | 0.4319 |
| Solvent Blank 6 | Blank | N/A | N/A | N/A | N/A |
| 6 | Unknown | N/A | N/A | N/A | N/A |
| 7 | Unknown | N/A | N/A | N/A | N/A |
| 8 | Unknown | N/A | N/A | N/A | N/A |
| 9 | Unknown | N/A | N/A | N/A | N/A |
| 10 | Unknown | N/A | N/A | N/A | N/A |
| Avid | Unknown | N/A | N/A | N/A | N/A |
| Avid-Spike | Unknown | $4.480 \mathrm{e}+03$ | 11.29 | N/A | 0.1642 |


| Sample Name | Sample <br> Type | Area (cps) | RT <br> $(\mathrm{min})$ | Target <br> [Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ | [Calculated <br> Conc]. <br> $(\mathrm{ng} / \mathrm{ml})$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SOlvent Blank 7 | Blank | N/A | N/A | N/A | N/A |
| L3-CC3 | Unknown | $1.265 \mathrm{e}+04$ | 11.29 | N/A | 0.7045 |
| Solvent Blank 8 | Blank | N/A | N/A | N/A | N/A |











| Mara-S |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.50) min |  |
| [Calculated Concl: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \sim 10$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type: | N/A (Unknown) |  |





| Solvent Blank 4 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.50) min | ${ }^{50} W^{M} M N^{M} M_{n}$ |
| [Calculated Conc]: | $\mathrm{N} / \mathrm{Ang} / \mathrm{ml}$ | $0 \begin{array}{llll}0 & 10 & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |


| PB |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.50) min | MwNMinn |
| [Calculated Conc]: | N/A ng/ml | $\begin{array}{llll}10 & 11^{+} & 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |


| 1 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.50) min | nurnownsur |
| [Calculated Concl: | N/A ng/ml | $\begin{array}{llll}0 & 10 & 11^{*} 12 & 13\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio Sample Type | N/A <br> (Unknown) |  |




| 5 |  |  |
| :---: | :---: | :---: |
| RT (Exp. RT): | N/A (11.50) min | $J^{M} M M N^{M}$ |
| [Calculated Conc]: | N/A ng/ml | $0 \begin{array}{llll}0 & 10 & 12\end{array}$ |
| Area: | N/A | Time, min |
| Area Ratio | N/A |  |
| Sample Type: | (Unknown) |  |










