Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
Data File : VU057530.D
Acq On : 15 Jan 2024 15:24
Operator : MD/SY
Sample : P1120-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BGWH7

Quant Time: Jan 16 00:36:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 250301 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 254965 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 97373 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.599 | 65 | 128392 | 5.056 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 101.200% | | | |
| 7) Chloroethane-d5 | 1.914 | 69 | 106968 | 5.413 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 108.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 52444 | 4.884 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 97.600% | | | |
| 20) 2-Butanone-d5 | 4.637 | 46 | 212953 | 44.332 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 88.660% | | | |
| 24) Chloroform-d | 5.055 | 84 | 239516 | 5.459 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 109.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 117427 | 5.557 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 111.200% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 447280 | 4.810 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 147916 | 5.102 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 102.000% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 282162 | 3.594 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 71.800% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 36056 | 3.577 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 71.600% | | | |
| 46) 2-Hexanone-d5 | 8.631 | 63 | 114382 | 31.341 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 62.680% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 96693 | 4.937 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 108739 | 5.561 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 111.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.602 | 62 | 140405 | 7.435 | ug/L | 100 |
| 8) Chloroethane | 1.933 | 64 | 13238 | 1.124 | ug/L | 94 |
| 12) 1,1-Dichloroethene | 2.576 | 96 | 400457 | 27.383 | ug/L # | 68 |
| 13) Acetone | 2.660 | 43 | 19019 | 6.586 | ug/L | 97 |
| 14) Carbon disulfide | 2.792 | 76 | 22470 | 0.550 | ug/L | 99 |
| 15) Methyl Acetate | 2.959 | 43 | 22066 | 3.380 | ug/L | 97 |
| 16) Methylene chloride | 3.049 | 84 | 3558 | 0.180 | ug/L | 84 |
| 17) Methyl tert-butyl Ether | 3.354 | 73 | 15394 | 0.424 | ug/L | 96 |
| 18) trans-1,2-Dichloroethene | 3.351 | 96 | 84407 | 5.815 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.862 | 63 | 739458 | 22.577 | ug/L | 99 |
| 21) 2-Butanone | 4.734 | 43 | 24371 | 5.966 | ug/L | 86 |
| 22) cis-1,2-Dichloroethene | 4.660 | 96 | 101296 | 5.994 | ug/L | 97 |
| 27) 1,2-Dichloroethane | 5.792 | 62 | 17474 | 0.854 | ug/L # | 94 |
| 34) Trichloroethene | 6.534 | 95 | 541249 | 27.505 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 6.788 | 63 | 5009 | 0.236 | ug/L # | 92 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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