Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038309.D
Acq On : 23 Nov 2024 19:37
Operator : SY/MD
Sample : P4884-01DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BG3M5DL

Quant Time: Nov 23 23:02:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.526 | 114 | 203518 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.779 | 117 | 212356 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.181 | 152 | 94046 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.275 | 65 | 55898 | 3.583 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 71.600% | | | |
| 7) Chloroethane-d5 | 1.506 | 69 | 32261 | 2.557 | ug/L | -0.02 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 51.200%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.043 | 65 | 25527 | 3.803 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 76.000% | | | |
| 20) 2-Butanone-d5 | 3.789 | 46 | 175337 | 56.187 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 112.380% | | | |
| 24) Chloroform-d | 4.236 | 84 | 153522 | 5.071 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.934 | 65 | 76117 | 5.603 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 112.000% | | | |
| 32) Benzene-d6 | 4.950 | 84 | 264377 | 4.817 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.982 | 67 | 89395 | 5.293 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 105.800% | | | |
| 41) Toluene-d8 | 7.236 | 98 | 205781 | 4.052 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.000% | | | |
| 43) trans-1,3-Dichloroprop... | 7.558 | 79 | 31637 | 5.039 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 100.800% | | | |
| 46) 2-Hexanone-d5 | 8.024 | 63 | 144284 | 59.114 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 118.220% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84 | 82227 | 5.735 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 114.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.554 | 152 | 90000 | 5.617 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 112.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.690 | 101 | 359203 | 13.434 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.050 | 101 | 5785 | 0.379 | ug/L | 95 |
| 12) 1,1-Dichloroethene | 2.053 | 96 | 4897 | 0.337 | ug/L # | 1 |
| 16) Methylene chloride | 2.436 | 84 | 20668 | 1.247 | ug/L | 88 |
| 17) Methyl tert-butyl Ether | 2.699 | 73 | 44781 | 1.363 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.098 | 63 | 35561 | 1.279 | ug/L | 96 |
| 22) cis-1,2-Dichloroethene | 3.809 | 96 | 4065 | 0.257 | ug/L | 92 |
| 29) 1,1,1-Trichloroethane | 4.503 | 97 | 16672 | 0.655 | ug/L | 97 |
| 34) Trichloroethene | 5.841 | 95 | 15516 | 0.954 | ug/L | 99 |
| 42) Toluene | 7.326 | 91 | 11383 | 0.180 | ug/L | 84 |
| 47) Tetrachloroethene | 7.898 | 164 | 26414 | 2.022 | ug/L | 98 |
| 51) Chlorobenzene | 8.808 | 112 | 7977 | 0.183 | ug/L | 97 |
| 53) m,p-Xylene | 9.082 | 106 | 2033 | 0.080 | ug/L | 91 |

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

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