Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
Data File : VV038178.D
Acq On : 19 Nov 2024 15:42
Operator : SY/MD
Sample : P4882-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BG3G8

Quant Time: Nov 20 00:34:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 22:47:22 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.529 | 114 | 282320 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.779 | 117 | 306463 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.181 | 152 | 132255 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.275 | 65 | 94046 | 4.346 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 87.000% | | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 85698 | 4.896 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.053 | 65 | 41486 | 4.455 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 89.200% | | | |
| 20) 2-Butanone-d5 | 3.780 | 46 | 232013 | 53.597 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 107.200% | | | |
| 24) Chloroform-d | 4.243 | 84 | 204542 | 4.870 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.937 | 65 | 100721 | 5.345 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.000% | | | |
| 32) Benzene-d6 | 4.953 | 84 | 374969 | 4.734 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.982 | 67 | 122450 | 5.024 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.400% | | | |
| 41) Toluene-d8 | 7.236 | 98 | 314499 | 4.291 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 85.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.554 | 79 | 40161 | 4.432 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.600% | | | |
| 46) 2-Hexanone-d5 | 8.017 | 63 | 204041 | 57.926 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 115.860% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84 | 106274 | 5.136 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.554 | 152 | 127187 | 5.644 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 112.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.709 | 101 | 6569386 | 177.118 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063 | 101 | 95008 | 4.488 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.063 | 96 | 26031 | 1.291 | ug/L # | 10 |
| 16) Methylene chloride | 2.442 | 84 | 44311 | 1.927 | ug/L | 95 |
| 17) Methyl tert-butyl Ether | 2.699 | 73 | 55919 | 1.227 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.104 | 63 | 226926 | 5.885 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 3.809 | 96 | 11414 | 0.520 | ug/L | 95 |
| 25) Chloroform | 4.265 | 83 | 23083 | 0.560 | ug/L | 98 |
| 29) 1,1,1-Trichloroethane | 4.503 | 97 | 47938 | 1.304 | ug/L | 98 |
| 34) Trichloroethene | 5.828 | 95 | 104807 | 4.466 | ug/L | 99 |
| 42) Toluene | 7.323 | 91 | 21095 | 0.231 | ug/L | 94 |
| 47) Tetrachloroethene | 7.898 | 164 | 34506 | 1.830 | ug/L | 99 |

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

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