Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059704.D
Acq On : 01 Jul 2024 23:17
Operator : MD/SY
Sample : P3121-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0BH6

Quant Time: Jul 02 03:55:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 214857 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 212932 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 108215 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.596 | 65 | 40245 | 2.694 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 53.800% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 46098 | 3.207 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 64.200%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 20252 | 3.267 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 65.400% | | | |
| 20) 2-Butanone-d5 | 4.621 | 46 | 182155 | 59.190 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 118.380% | | | |
| 24) Chloroform-d | 5.052 | 84 | 118417 | 3.862 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 77.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 61726 | 4.179 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.600% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 233636 | 3.987 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 79.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 75504 | 4.205 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 84.000% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 199198 | 3.656 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 23292 | 4.142 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 82.800% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 148898 | 63.731 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 127.460% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 70840 | 4.775 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 95.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 88407 | 4.590 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 91.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.515 | 50 | 2902 | 0.148 | ug/L | 95 |
| 14) Carbon disulfide | 2.788 | 76 | 7777 | 0.153 | ug/L # | 87 |
| 21) 2-Butanone | 4.724 | 43 | 8372 | 2.615 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.657 | 96 | 13483 | 0.772 | ug/L | 85 |
| 52) Ethylbenzene | 9.566 | 91 | 14817 | 0.211 | ug/L | 97 |
| 53) m,p-Xylene | 9.688 | 106 | 24169 | 0.896 | ug/L | 99 |
| 54) o-Xylene | 10.100 | 106 | 6024 | 0.235 | ug/L | 90 |
| 62) 1,3,5-Trimethylbenzene | 11.084 | 105 | 5077 | 0.096 | ug/L | 97 |
| 63) 1,2,4-Trimethylbenzene | 11.467 | 105 | 21206 | 0.419 | ug/L | 100 |

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

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