Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040522\
Data File : VV025352.D
Acq On : 05 Apr 2022 13:23
Operator : SY/MD
Sample : N2261-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFY40

**Manual Integrations APPROVED**

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:29:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 06 01:28:15 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.616 | 114 | 156114 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 150873 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 75029 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 55784 | 3.825 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 76.600% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 52236 | 4.268 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 85.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 84545 | 2.677 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 53.600%# | | | |
| 20) 2-Butanone-d5 | 3.921 | 46 | 58641m | 40.370 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 80.740% | | | |
| 24) Chloroform-d | 4.349 | 84 | 78002 | 4.099 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 82.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 34318 | 4.080 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.600% | | | |
| 32) Benzene-d6 | 5.050 | 84 | 146768 | 3.845 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 77.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 43322 | 4.050 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 81.000% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 129197 | 3.690 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 13426 | 3.847 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 77.000% | | | |
| 46) 2-Hexanone-d5 | 8.092 | 63 | 50100 | 39.751 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 79.500% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 28840 | 4.043 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 80.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 47837 | 3.970 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 79.400%# | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.114 | 96 | 1948 | 0.124 | ug/L # | 1 |
| 13) Acetone | 2.214 | 43 | 13872m | 12.515 | ug/L | |
| 19) 1,1-Dichloroethane | 3.192 | 63 | 16955 | 0.900 | ug/L | 93 |
| 22) cis-1,2-Dichloroethene | 3.928 | 96 | 2530 | 0.221 | ug/L | 80 |
| 25) Chloroform | 4.378 | 83 | 12285 | 0.588 | ug/L | 95 |
| 33) Benzene | 5.101 | 78 | 82829 | 1.872 | ug/L | 100 |
| 42) Toluene | 7.391 | 91 | 49707 | 1.052 | ug/L | 96 |
| 47) Tetrachloroethene | 7.979 | 164 | 553 | 0.062 | ug/L | 85 |
| 52) Ethylbenzene | 9.018 | 91 | 5441 | 0.109 | ug/L | 96 |
| 53) m,p-Xylene | 9.146 | 106 | 2621 | 0.134 | ug/L | 97 |
| 54) o-Xylene | 9.548 | 106 | 2011 | 0.108 | ug/L | 94 |

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

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