Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022122\
Data File : VV024785.D
Acq On : 21 Feb 2022 19:02
Operator : SY/MD
Sample : N1623-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GBD40

Quant Time: Feb 22 03:31:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 22 03:27:30 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 163405 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 150366 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 66883 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 46834 | 3.379 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 67.600% | | | |
| 7) Chloroethane-d5 | 1.571 | 69 | 42720 | 3.757 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 75.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.111 | 63 | 64490 | 2.539 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 50.800%# | | | |
| 20) 2-Butanone-d5 | 3.889 | 46 | 95092 | 48.033 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 96.060% | | | |
| 24) Chloroform-d | 4.352 | 84 | 93691 | 4.332 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 42454 | 4.404 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.000% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 179486 | 4.138 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 82.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 57901 | 4.536 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 90.800% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 152496 | 3.869 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 77.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 17452 | 4.104 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 82.000% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 75141 | 44.904 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.800% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 34575 | 4.494 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 51609 | 4.460 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 89.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 25) Chloroform | 4.378 | 83 | 61291 | 2.578 | ug/L | 98 |
| 33) Benzene | 5.104 | 78 | 2458 | 0.048 | ug/L | 100 |
| 35) Methylcyclohexane | 6.130 | 83 | 1446 | 0.066 | ug/L | 94 |
| 38) Bromodichloromethane | 6.510 | 83 | 91269 | 6.028 | ug/L | 98 |
| 42) Toluene | 7.394 | 91 | 20183 | 0.372 | ug/L | 98 |
| 49) Dibromochloromethane | 8.246 | 129 | 72695 | 8.372 | ug/L | 100 |
| 52) Ethylbenzene | 9.021 | 91 | 5309 | 0.090 | ug/L | 99 |
| 53) m,p-xylene | 9.143 | 106 | 4691 | 0.210 | ug/L | 89 |
| 54) o-xylene | 9.545 | 106 | 2470 | 0.113 | ug/L | 81 |
| 59) Bromoform | 9.731 | 173 | 12339 | 3.644 | ug/L | 100 |
| 63) 1,2,4-Trimethylbenzene | 10.915 | 105 | 13806 | 0.302 | ug/L | 98 |

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

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