Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
Data File : VU050104.D
Acq On : 05 Aug 2022 18:19
Operator : SY/MD
Sample : N4027-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
GBJH9

Quant Time: Aug 06 04:37:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 04:32:47 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 74698 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.420 | 117 | 74194 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 27943 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 26513 | 4.265 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 85.400% | | | |
| 7) Chloroethane-d5 | 1.909 | 69 | 23452 | 4.676 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 93.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 65 | 10527 | 4.333 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 86.600% | | | |
| 20) 2-Butanone-d5 | 4.623 | 46 | 84292 | 55.604 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 111.200% | | | |
| 24) Chloroform-d | 5.067 | 84 | 57457 | 4.969 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 31644 | 5.330 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.600% | | | |
| 32) Benzene-d6 | 5.729 | 84 | 112937 | 4.878 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.694 | 67 | 39563 | 5.189 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.800% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 92194 | 4.509 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.182 | 79 | 12986 | 4.753 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 95.000% | | | |
| 46) 2-Hexanone-d5 | 8.632 | 63 | 50686 | 52.314 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 104.620% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 34213 | 5.110 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 30877 | 5.640 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 112.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571 | 101 | 1601 | 0.327 | ug/L | 90 |
| 12) 1,1-Dichloroethene | 2.578 | 96 | 2203 | 0.427 | ug/L # | 1 |
| 13) Acetone | 2.626 | 43 | 5328 | 6.311 | ug/L | 100 |
| 19) 1,1-Dichloroethane | 3.870 | 63 | 4725 | 0.432 | ug/L | 95 |
| 22) cis-1,2-Dichloroethene | 4.668 | 96 | 56653 | 8.829 | ug/L | 99 |
| 25) Chloroform | 5.092 | 83 | 18478 | 1.583 | ug/L | 95 |
| 31) Carbon tetrachloride | 5.526 | 117 | 22313 | 2.991 | ug/L | 97 |
| 34) Trichloroethene | 6.546 | 95 | 2698180 | 429.166 | ug/L | 97 |
| 47) Tetrachloroethene | 8.555 | 164 | 1831 | 0.406 | ug/L | 90 |

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

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