Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
Data File : VU055253.D
Acq On : 12 Sep 2023 17:16
Operator : MD/SY
Sample : 04350-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BH4J5

Quant Time: Sep 13 01:48:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 13 01:44:08 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.248 | 114 | 190199 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.415 | 117 | 204184 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.810 | 152 | 99613 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 28615 | 3.210 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 64.200% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 43063 | 4.173 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 83.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 15078 | 2.969 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 59.400%# | | | |
| 20) 2-Butanone-d5 | 4.624 | 46 | 137630 | 53.204 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.400% | | | |
| 24) Chloroform-d | 5.061 | 84 | 97493 | 4.122 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 82.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.701 | 65 | 54100 | 4.571 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.400% | | | |
| 32) Benzene-d6 | 5.724 | 84 | 187263 | 3.715 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 74.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.692 | 67 | 65025 | 4.056 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 81.200% | | | |
| 41) Toluene-d8 | 7.897 | 98 | 157852 | 3.400 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 68.000%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.180 | 79 | 15270 | 3.459 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 69.200% | | | |
| 46) 2-Hexanone-d5 | 8.630 | 63 | 89518 | 49.948 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 99.900% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84 | 51972 | 4.610 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.193 | 152 | 61674 | 4.242 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 84.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.576 | 96 | 12466 | 1.418 | ug/L # | 60 |
| 17) Methyl tert-butyl Ether | 3.357 | 73 | 4465 | 0.194 | ug/L # | 90 |
| 18) trans-1,2-Dichloroethene | 3.357 | 96 | 1905 | 0.214 | ug/L | 93 |
| 19) 1,1-Dichloroethane | 3.865 | 63 | 5766 | 0.299 | ug/L | 95 |
| 22) cis-1,2-Dichloroethene | 4.666 | 96 | 117708 | 10.778 | ug/L | 93 |
| 25) Chloroform | 5.084 | 83 | 12726 | 0.634 | ug/L | 93 |
| 31) Carbon tetrachloride | 5.521 | 117 | 11624 | 0.791 | ug/L | 93 |
| 34) Trichloroethene | 6.540 | 95 | 124901 | 10.342 | ug/L | 96 |
| 45) 1,1,2-Trichloroethane | 8.405 | 97 | 1446 | 0.181 | ug/L | 95 |
| 47) Tetrachloroethene | 8.553 | 164 | 29299 | 3.510 | ug/L | 98 |

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

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