Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041908.D
Acq On : 08 Jan 2021 16:24
Operator : SY/MD
Sample : M1049-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AQ7

Quant Time: Jan 09 02:50:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 09 01:31:59 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 115868 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 108753 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 46290 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 33530 | 3.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 74.00% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 38930 | 5.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 111.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 49526 | 2.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 59.40%# | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 158273 | 60.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 121.66% | | | |
| 24) Chloroform-d | 5.08 | 84 | 87705 | 5.65 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 113.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 49422 | 5.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 112.20% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 154656 | 4.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 51852 | 5.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.20% | | | |
| 41) Toluene-d8 | 7.90 | 98 | 115121 | 4.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 82.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 18900 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 128547 | 53.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 107.12% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 51492 | 5.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 116.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 48518 | 5.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 117.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 2.15 | 101 | 200415 | 15.037 | ug/L | 99 |
| 16) Methylene chloride | 3.06 | 84 | 1921 | 0.205 | ug/L | 79 |
| 22) cis-1,2-Dichloroethene | 4.68 | 96 | 14746 | 1.641 | ug/L | 89 |
| 25) Chloroform | 5.10 | 83 | 4188 | 0.274 | ug/L | 94 |
| 31) Carbon tetrachloride | 5.54 | 117 | 4263 | 0.395 | ug/L | 96 |
| 33) Benzene | 5.79 | 78 | 3202 | 0.092 | ug/L | 100 |
| 34) Trichloroethene | 6.55 | 95 | 312424 | 35.747 | ug/L | 93 |
| 42) Toluene | 7.97 | 91 | 2883 | 0.080 | ug/L | 85 |
| 45) 1,1,2-Trichloroethane | 8.40 | 97 | 1105 | 0.168 | ug/L | 91 |
| 47) Tetrachloroethene | 8.56 | 164 | 262116 | 42.842 | ug/L | 96 |

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

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