Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
Data File : VU053574.D
Acq On : 04 Apr 2023 20:17
Operator : JC/MD
Sample : 02158-06DL 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
PMW-5(20230329)DL

Quant Time: Apr 04 23:14:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.244 | 114 | 262133 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 245668 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.806 | 152 | 127152 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.598 | 65 | 67892 | 33.262 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 66.520% | | | |
| 7) Chloroethane-d5 | 1.910 | 69 | 62586 | 39.768 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 79.540% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 63 | 84344 | 26.695 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 53.380%# | | | |
| 21) 2-Butanone-d5 | 4.614 | 46 | 102233 | 110.626 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 110.630% | | | |
| 24) Chloroform-d | 5.057 | 84 | 134568 | 39.864 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 79.720% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 88214 | 44.225 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.440% | | | |
| 32) Benzene-d6 | 5.720 | 84 | 269972 | 40.712 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 81.420% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.684 | 67 | 87974 | 43.404 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 86.800% | | | |
| 41) Toluene-d8 | 7.893 | 98 | 246229 | 37.359 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 74.720%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 42123 | 40.261 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 80.520% | | | |
| 47) 2-Hexanone-d5 | 8.626 | 63 | 78406 | 113.345 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 113.350% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752 | 84 | 131763 | 46.123 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 92.240% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.189 | 152 | 106093 | 39.973 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 79.940%# | | | |
| Target Compounds | | | | | | Qvalue |
| 20) cis-1,2-Dichloroethene | 4.659 | 96 | 37367 | 20.013 | ug/L | 91 |
| 34) Trichloroethene | 6.540 | 95 | 6116 | 3.159 | ug/L | 91 |
| 42) Toluene | 7.964 | 91 | 133878 | 18.457 | ug/L | 100 |
| 46) Tetrachloroethene | 8.549 | 164 | 23570 | 14.672 | ug/L | 98 |
| 51) Chlorobenzene | 9.443 | 112 | 8019 | 1.605 | ug/L | 90 |
| 52) Ethylbenzene | 9.568 | 91 | 6722 | 0.832 | ug/L | 99 |
| 53) m,p-Xylene | 9.691 | 106 | 9178 | 2.906 | ug/L | 100 |
| 64) 1,3-Dichlorobenzene | 11.742 | 146 | 7087 | 1.804 | ug/L | 92 |
| 65) 1,4-Dichlorobenzene | 11.832 | 146 | 33644 | 8.404 | ug/L | 95 |
| 67) 1,2-Dichlorobenzene | 12.208 | 146 | 8320 | 2.125 | ug/L | 95 |
| 70) 1,2,4-trichlorobenzene | 13.835 | 180 | 95263 | 35.323 | ug/L | 98 |
| 72) 1,2,3-Trichlorobenzene | 14.327 | 180 | 18276 | 6.785 | ug/L | 98 |

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

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