Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
Data File : VU053557.D
Acq On : 04 Apr 2023 13:18
Operator : JC/MD
Sample : 02158-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
PMW-8D(20230330)

Quant Time: Apr 04 16:34:46 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 | 6.243 | 114 | 256357 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 238918 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 120435 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 77244 | 38.696 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 77.400% | | | |
| 7) Chloroethane-d5 | 1.909 | 69 | 66587 | 43.264 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 86.520% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 63 | 96431 | 31.208 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 62.420% | | | |
| 21) 2-Butanone-d5 | 4.613 | 46 | 97841 | 108.259 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 108.260% | | | |
| 24) Chloroform-d | 5.057 | 84 | 144004 | 43.621 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.240% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 91583 | 46.948 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.900% | | | |
| 32) Benzene-d6 | 5.722 | 84 | 291357 | 45.178 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.360% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.684 | 67 | 93946 | 47.660 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.320% | | | |
| 41) Toluene-d8 | 7.893 | 98 | 272481 | 42.510 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 85.020% | | | |
| 43) trans-1,3-Dichloroprop... | 8.173 | 79 | 44128 | 43.369 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 86.740% | | | |
| 47) 2-Hexanone-d5 | 8.626 | 63 | 76617 | 113.888 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 113.890% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 135763 | 48.866 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.740% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.188 | 152 | 112134 | 44.605 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.220% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.604 | 62 | 13093 | 6.608 | ug/L | 92 |
| 12) 1,1-Dichloroethene | 2.571 | 96 | 2393 | 1.521 | ug/L # | 1 |
| 17) trans-1,2-Dichloroethene | 3.350 | 96 | 7163 | 4.531 | ug/L | 88 |
| 18) Methyl tert-butyl Ether | 3.356 | 73 | 5650 | 1.226 | ug/L # | 78 |
| 19) 1,1-Dichloroethane | 3.864 | 63 | 51135 | 19.527 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 4.658 | 96 | 179551 | 98.330 | ug/L | 91 |
| 27) 1,2-Dichloroethane | 5.793 | 62 | 16529 | 7.514 | ug/L | 99 |
| 33) Benzene | 5.771 | 78 | 15894 | 2.553 | ug/L | 100 |
| 51) Chlorobenzene | 9.443 | 112 | 12253 | 2.521 | ug/L | 93 |
| 64) 1,3-Dichlorobenzene | 11.745 | 146 | 8986 | 2.415 | ug/L | 91 |
| 65) 1,4-Dichlorobenzene | 11.832 | 146 | 56987 | 15.028 | ug/L | 98 |
| 70) 1,2,4-trichlorobenzene | 13.841 | 180 | 4860 | 1.903 | ug/L | 98 |

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

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