Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
Data File : VV034765.D
Acq On : 20 Mar 2024 15:44
Operator : SY/MD
Sample : P1757-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 21 02:21:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 02:16:15 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0B76

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 03/22/2024
Supervised By :Semsettin Yesilyurt 03/22/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 298423 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.789 | 117 | 303195 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.201 | 152 | 187928 | 50.000 | ug/L | # 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 119917 | 46.353 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 92.700% | | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 106739 | 52.960 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 105.920% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.060 | 65 | 50222 | 42.926 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 85.860% | | | |
| 21) 2-Butanone-d5 | 3.786 | 46 | 196861 | 113.790 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 113.790% | | | |
| 24) Chloroform-d | 4.249 | 84 | 252876 | 55.284 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 110.560% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 176390 | 59.012 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 118.020% | | | |
| 32) Benzene-d6 | 4.960 | 84 | 497003 | 54.314 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 108.620% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.986 | 67 | 153248 | 54.877 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 109.760% | | | |
| 41) Toluene-d8 | 7.243 | 98 | 445718 | 53.826 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 107.660% | | | |
| 43) trans-1,3-Dichloroprop... | 7.551 | 79 | 75538 | 53.866 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 107.740% | | | |
| 47) 2-Hexanone-d5 | 8.024 | 63 | 136706 | 98.034 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 98.030% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84 | 215503 | 58.641 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 117.280% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.583 | 152 | 214344 | 55.800 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 111.600% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 25) Chloroform | 4.275 | 83 | 17547 | 3.996 | ug/L | 96 |
| 29) Cyclohexane | 4.587 | 56 | 5120 | 1.284 | ug/L # | 78 |
| 33) Benzene | 5.008 | 78 | 1227779 | 130.460 | ug/L | 100 |
| 51) Chlorobenzene | 8.812 | 112 | 21059485m | 3270.559 | ug/L | |
| 64) 1,3-Dichlorobenzene | 11.127 | 146 | 14552295 | 2368.036 | ug/L | 91 |
| 65) 1,4-Dichlorobenzene | 11.214 | 146 | 27249004m | 4366.404 | ug/L | |
| 67) 1,2-Dichlorobenzene | 11.587 | 146 | 28478240m | 4624.704 | ug/L | |
| 70) 1,2,4-trichlorobenzene | 13.201 | 180 | 4152488 | 1001.022 | ug/L | 98 |
| 72) 1,2,3-Trichlorobenzene | 13.680 | 180 | 1549772 | 382.965 | ug/L | 99 |

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

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