Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032515.D
Acq On : 20 Oct 2023 11:28
Operator : SY/MD
Sample : 04950-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 23:04:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
A48Z5

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.538 | 114 | 92047 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.789 | 117 | 103073 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.188 | 152 | 50117 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 33758 | 4.509 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 90.200% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 30809 | 5.070 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.059 | 65 | 13983 | 4.429 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 88.600% | | | |
| 20) 2-Butanone-d5 | 3.805 | 46 | 105197 | 55.550 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 111.100% | | | |
| 24) Chloroform-d | 4.252 | 84 | 63788 | 4.830 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.947 | 65 | 34370 | 5.494 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 109.800% | | | |
| 32) Benzene-d6 | 4.963 | 84 | 121489 | 4.006 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 80.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.992 | 67 | 40734 | 4.054 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 81.000% | | | |
| 41) Toluene-d8 | 7.246 | 98 | 104518 | 3.769 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 75.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.558 | 79 | 14546 | 4.085 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.800% | | | |
| 46) 2-Hexanone-d5 | 8.030 | 63 | 82963 | 49.519 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 99.040% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84 | 34814 | 4.953 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.564 | 152 | 40840 | 4.391 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 87.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.217 | 50 | 20098 | 1.944 | ug/L | 95 |
| 13) Acetone | 2.137 | 43 | 85554 | 58.615 | ug/L | 94 |
| 21) 2-Butanone | 3.902 | 43 | 29823m | 13.066 | ug/L | |
| 40) 4-Methyl-2-pentanone | 7.175 | 43 | 6637 | 1.081 | ug/L # | 78 |
| 42) Toluene | 7.326 | 91 | 11013 | 0.285 | ug/L | 98 |
| 52) Ethylbenzene | 8.956 | 91 | 2168 | 0.050 | ug/L | 95 |
| 53) m,p-Xylene | 9.078 | 106 | 2723 | 0.170 | ug/L | 88 |
| 54) o-Xylene | 9.487 | 106 | 1296 | 0.084 | ug/L | 79 |

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

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