Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102623\
Data File : VV032661.D
Acq On : 26 Oct 2023 14:42
Operator : SY/MD
Sample : 05009-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 27 05:36:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 27 05:30:38 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
A4923

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.538 | 114 | 89138 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.789 | 117 | 102146 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.188 | 152 | 44671 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 35309 | 4.871 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 97.400% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 36524 | 6.207 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 124.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.059 | 65 | 14785 | 4.836 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 96.800% | | | |
| 20) 2-Butanone-d5 | 3.802 | 46 | 80135 | 43.697 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 87.400% | | | |
| 24) Chloroform-d | 4.252 | 84 | 66137 | 5.171 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.947 | 65 | 34539 | 5.702 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 114.000% | | | |
| 32) Benzene-d6 | 4.963 | 84 | 132127 | 4.396 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.989 | 67 | 41348m | 4.152 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 83.000% | | | |
| 41) Toluene-d8 | 7.246 | 98 | 118444 | 4.310 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.561 | 79 | 14365 | 4.071 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.400% | | | |
| 46) 2-Hexanone-d5 | 8.027 | 63 | 70280 | 42.329 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 84.660% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84 | 34996 | 5.024 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.564 | 152 | 44175 | 5.329 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.600% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.130 | 43 | 2912 | 2.060 | ug/L | 91 |
| 22) cis-1,2-Dichloroethene | 3.818 | 96 | 1140 | 0.141 | ug/L | 93 |
| 42) Toluene | 7.323 | 91 | 4064 | 0.106 | ug/L | 96 |
| 53) m,p-Xylene | 9.082 | 106 | 1717 | 0.108 | ug/L | 95 |
| 63) 1,2,4-Trimethylbenzene | 10.857 | 105 | 2507 | 0.089 | ug/L | 91 |
| 70) 1,2,4-trichlorobenzene | 13.204 | 180 | 1881 | 0.175 | ug/L | 96 |
| 72) 1,2,3-Trichlorobenzene | 13.686 | 180 | 1353 | 0.146 | ug/L | 96 |

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

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