Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
Data File : VV023423.D
Acq On : 12 Nov 2021 06:35
Operator : SY/MD
Sample : M4580-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 13 00:38:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
GB8H5

**Manual Integrations APPROVED**

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 116861 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 121954 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 54112 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 30715 | 4.196 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 84.000% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 26446 | 4.432 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 88.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 45154 | 3.295 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 65.800% | | | |
| 20) 2-Butanone-d5 | 3.899 | 46 | 57008m | 45.199 | ug/L | -0.08 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 90.400% | | | |
| 24) Chloroform-d | 4.349 | 84 | 66606 | 4.269 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.037 | 65 | 32927 | 4.693 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.800% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 126271 | 4.035 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 80.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 39402 | 4.278 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 85.600% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 108617 | 3.704 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 74.000% | | | |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 12748 | 3.650 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 73.000% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 58603 | 45.603 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 91.200% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 28625 | 4.321 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 86.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 43021 | 4.775 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.400% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.182 | 43 | 5335m | 6.923 | ug/L | |
| 22) cis-1,2-Dichloroethene | 3.915 | 96 | 16575 | 2.010 | ug/L # | 96 |
| 25) Chloroform | 4.371 | 83 | 7343 | 0.476 | ug/L | 100 |
| 33) Benzene | 5.111 | 78 | 4078 | 0.120 | ug/L | 100 |
| 34) Trichloroethene | 5.915 | 95 | 60183 | 6.639 | ug/L | 97 |
| 42) Toluene | 7.403 | 91 | 3945 | 0.108 | ug/L | 96 |
| 47) Tetrachloroethene | 8.008 | 164 | 19932319 | 2537.256 | ug/L | 88 |
| 64) 1,3-Dichlorobenzene | 11.188 | 146 | 1523 | 0.096 | ug/L # | 79 |
| 67) 1,2-Dichlorobenzene | 11.648 | 146 | 3305 | 0.233 | ug/L # | 86 |

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

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