Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
Data File : VR025574.D
Acq On : 7 Aug 2018 13:52
Operator : SY/MD
Sample : J4358-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_R
**ClientSampleId :** ESWW8

**Manual Integrations APPROVED**
MMDadoda
8/10/2018 11:11:47 AM

Quant Time: Aug 09 23:46:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 23:37:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.47 | 114 | 505860 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.29 | 117 | 439188 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152 | 153189 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.14 | 65 | 120566 | 3.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 76.80% | | | |
| 7) Chloroethane-d5 | 2.63 | 69 | 107377 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 87.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.63 | 63 | 226316 | 3.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 62.60% | | | |
| 20) 2-Butanone-d5 | 6.60 | 46 | 153004 | 59.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 118.12% | | | |
| 24) Chloroform-d | 7.20 | 84 | 253069 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.90 | 65 | 90035 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.80% | | | |
| 32) Benzene-d6 | 7.86 | 84 | 533830 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.90 | 67 | 153587 | 4.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.40% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 485914 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.80% | | | |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79 | 29879 | 3.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 75.60% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 165006 | 65.29 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 130.58%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 73706 | 5.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 105.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.51 | 152 | 139173 | 5.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 119.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 2.15 | 62 | 143711 | 3.76 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 3.63 | 96 | 7602 | 0.21 | ug/L # | 1 |
| 13) Acetone | 3.71 | 43 | 38333 | 17.60 | ug/L | 96 |
| 18) trans-1,2-Dichloroethene | 4.88 | 96 | 18911m | 0.55 | ug/L | |
| 21) 2-Butanone | 6.69 | 43 | 9544 | 3.15 | ug/L # | 1 |
| 22) cis-1,2-Dichloroethene | 6.68 | 96 | 1628606 | 51.53 | ug/L # | 99 |
| 25) Chloroform | 7.22 | 83 | 47090 | 0.94 | ug/L | 92 |
| 34) Trichloroethene | 8.71 | 95 | 545281 | 16.16 | ug/L | 98 |
| 47) Tetrachloroethene | 10.52 | 164 | 1302040 | 45.10 | ug/L | 98 |

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 23:37:26 2018
Response via : Initial Calibration

**Instrument :**
MSVOA_R
**ClientSampleId :**
ESWW8

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