Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005281.D
Acq On : 11 Sep 2018 17:35
Operator : SY/AP
Sample : J4777-05
Misc : 6.89G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** PL-05-090718-C

Quant Time: Sep 12 01:23:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.96 | 168 | 552432 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.85 | 114 | 866237 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 892699 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 471257 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 203681 | 49.43 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.86% | | | | |
| 35) Dibromofluoromethane | 7.89 | 113 | 184644 | 40.69 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 81.38% | | | | |
| 50) Toluene-d8 | 10.33 | 98 | 905763 | 39.50 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 79.00% | | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 357271 | 42.60 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 85.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 16) Acetone | 4.13 | 43 | 36916 | 48.27 | ug/l | | 98 |
| 20) Methylene Chloride | 4.93 | 84 | 47607 | 5.44 | ug/l | | 95 |
| 30) Chloroform | 7.68 | 83 | 38070 | 4.58 | ug/l | | 95 |
| 73) Isopropylbenzene | 12.47 | 105 | 35224 | 1.06 | ug/l | | 100 |
| 78) n-propylbenzene | 12.81 | 91 | 135574 | 3.39 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.95 | 105 | 318427 | 11.23 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 1296933 | 45.52 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.51 | 119 | 105021 | 3.33 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.83 | 91 | 201714 | 6.80 | ug/l | # | 69 |
| 95) Naphthalene | 15.38 | 128 | 236899 | 14.27 | ug/l | | 99 |

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

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