Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001719.D
Acq On : 20 Feb 2020 13:21
Operator : SY/MD
Sample : L1601-02
Misc : 4.36G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** B-1

Quant Time: Feb 21 08:22:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.82 | 168 | 113989 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.71 | 114 | 206171 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.50 | 117 | 184345 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152 | 79577 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.17 | 65 | 70846 | 57.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 115.56% | | | |
| 35) Dibromofluoromethane | 7.75 | 113 | 61931 | 52.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.90% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 247306 | 53.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.92% | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 84375 | 46.95 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.90% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 5.00 | 59 | 62190 | 458.997 | ug/l # | 74 |
| 16) Acetone | 3.98 | 43 | 11531 | 27.180 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 5.26 | 73 | 4400340 | 1277.868 | ug/l | 100 |
| 40) Benzene | 8.19 | 78 | 107731 | 18.600 | ug/l | 96 |
| 68) m/p-Xylenes | 11.71 | 106 | 4454 | 1.746 | ug/l | 89 |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105 | 5429 | 1.085 | ug/l | 97 |

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

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