Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017980.D
Acq On : 18 Apr 2024 16:50
Operator : SY/MD
Sample : P2125-01
Misc : 4.67g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-101-SB01

Quant Time: Apr 19 02:03:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.789 | 168 | 318080 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.691 | 114 | 536034 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.496 | 117 | 448428 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152 | 142512 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.136 | 65 | 132369 | 48.089 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 96.180% | | | |
| 35) Dibromofluoromethane | 7.716 | 113 | 168556 | 50.969 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 101.940% | | | |
| 50) Toluene-d8 | 10.179 | 98 | 615587 | 49.057 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 98.120% | | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 147036 | 37.835 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 75.660% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.942 | 43 | 2837 | 5.216 | ug/l # | 85 |
| 17) Carbon Disulfide | 4.186 | 76 | 11183 | 1.095 | ug/l # | 95 |
| 20) Methylene Chloride | 4.710 | 84 | 14339 | 3.892 | ug/l | 95 |
| 39) Methylcyclohexane | 9.185 | 83 | 11336 | 1.809 | ug/l | 86 |

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

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