Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010829.D
Acq On : 05 Oct 2022 18:40
Operator : KP/MD
Sample : N5004-09
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
D22008-8.5

Quant Time: Oct 06 09:23:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.789 | 168 | 175046 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.685 | 114 | 291101 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.489 | 117 | 196157 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152 | 47452 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.136 | 65 | 119417 | 67.303 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 134.600% | | | |
| 35) Dibromofluoromethane | 7.716 | 113 | 120149 | 62.178 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 124.360% | | | |
| 50) Toluene-d8 | 10.179 | 98 | 310772 | 47.027 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = 94.060% | | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 69971 | 25.283 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = 50.560% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.942 | 43 | 8750 | 19.417 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 5.216 | 73 | 8872 | 2.048 | ug/l | 94 |
| 40) Benzene | 8.155 | 78 | 23139 | 2.880 | ug/l | 98 |

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

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