Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
Data File : VY012227.D
Acq On : 17 Jan 2023 16:50
Operator : KP/MD
Sample : 01167-01RE
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
EO-3-011623RE

Quant Time: Jan 18 00:33:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.789 | 168 | 9979 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.691 | 114 | 16355 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.490 | 117 | 16383 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152 | 7195 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.136 | 65 | 7046 | 88.188 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 176.380%# | | | |
| 35) Dibromofluoromethane | 7.722 | 113 | 3193 | 36.871 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 73.740% | | | |
| 50) Toluene-d8 | 10.179 | 98 | 20144 | 68.760 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = 137.520% | | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 6456 | 52.884 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = 105.760% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) Methyl Iodide | 4.101 | 142 | 882 | 6.502 | ug/l # | 95 |
| 78) n-propylbenzene | 12.672 | 91 | 629 | 1.036 | ug/l | 91 |
| 84) 1,2,4-Trimethylbenzene | 13.117 | 105 | 927 | 2.084 | ug/l | 95 |

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

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