Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
Data File : VY009275.D
Acq On : 22 Jun 2022 15:35
Operator : KP/MD
Sample : VIBLK
Misc : 5.00/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Quant Time: Jun 23 01:56:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.783 | 168 | 232237 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.685 | 114 | 356704 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.489 | 117 | 330336 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152 | 201843 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.136 | 65 | 119908 | 47.012 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = | 94.020% | | |
| 35) Dibromofluoromethane | 7.710 | 113 | 111021 | 48.059 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = | 96.120% | | |
| 50) Toluene-d8 | 10.179 | 98 | 417497 | 47.046 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = | 94.100% | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 155072 | 49.730 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = | 99.460% | | |
| Target Compounds | | | | | | Qvalue |
| 67) Ethyl Benzene | 11.593 | 91 | 43959 | 3.408 | ug/l | 94 |
| 68) m/p-Xylenes | 11.697 | 106 | 94108 | 18.596 | ug/l | 91 |
| 69) o-Xylene | 12.026 | 106 | 29183 | 6.064 | ug/l | 91 |
| 78) n-propylbenzene | 12.666 | 91 | 55045 | 2.885 | ug/l | 96 |
| 80) 1,3,5-Trimethylbenzene | 12.812 | 105 | 98748 | 7.512 | ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.117 | 105 | 354896 | 27.549 | ug/l | 96 |
| 89) n-Butylbenzene | 13.696 | 91 | 17967 | 1.353 | ug/l # | 72 |
| 95) Naphthalene | 15.233 | 128 | 153505 | 18.724 | ug/l | 98 |

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

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