Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041819\
Data File : VF062214.D
Acq On : 18 Apr 2019 19:35
Operator : FY/SY
Sample : K2193-09
Misc : 7.15g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** HR-05-041719-B

**Manual Integrations APPROVED**
MMDadoda
4/19/2019 10:52:39 AM

Quant Time: Apr 19 03:25:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 07:43:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.05 | 168 | 391185 | 50.00 | ug/l | 0.02 |
| 34) 1,4-Difluorobenzene | 5.77 | 114 | 590947 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.91 | 117 | 398153 | 50.00 | ug/l | 0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 12.61 | 152 | 224009 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.03 | 65 | 176515 | 49.21 | ug/l | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 98.42% | | | |
| 35) Dibromofluoromethane | 4.30 | 113 | 230972 | 44.68 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.36% | | | |
| 50) Toluene-d8 | 7.72 | 98 | 516445 | 39.47 | ug/l | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 78.94% | | | |
| 62) 4-Bromofluorobenzene | 11.49 | 95 | 211906 | 42.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 84.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 67) Ethyl Benzene | 10.03 | 91 | 29562 | 1.915 | ug/l | 97 |
| 68) m/p-Xylenes | 10.26 | 106 | 8718 | 1.534 | ug/l | 93 |
| 69) o-Xylene | 10.82 | 106 | 53167 | 8.426 | ug/l | 97 |
| 78) n-propylbenzene | 11.67 | 91 | 52540 | 2.588 | ug/l | 97 |
| 80) 1,3,5-Trimethylbenzene | 11.89 | 105 | 275883 | 17.214 | ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 12.27 | 105 | 28798 | 1.857 | ug/l | 99 |
| 85) sec-Butylbenzene | 12.37 | 105 | 28980 | 1.347 | ug/l # | 77 |
| 86) p-Isopropyltoluene | 12.52 | 119 | 42350m | 2.320 | ug/l | |

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

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