

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\  
 Data File : VX012221.D  
 Acq On : 08 Sep 2019 14:19  
 Operator : SY/SP  
 Sample : K4622-05  
 Misc : 4.49g/5.0mL/MSVOA X/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PAR-11-A4-(0)

Manual Integrations  
 APPROVED

MMDadoda  
 9/9/2019 8:43:02 AM

Quant Time: Sep 09 02:20:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X090319S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 03 15:26:48 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 150581   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 256541   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 224493   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 102237   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 99647    | 47.96  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.92%  |          |
| 35) Dibromofluoromethane    | 5.48  | 113  | 74909    | 47.48  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.96%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 305228   | 52.72  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.44% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 121567   | 45.15  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 90.30%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.43  | 43   | 39590    | 79.719 | ug/l    | 97       |
| 29) Tetrahydrofuran         | 5.11  | 42   | 3003m    | 7.884  | ug/l    |          |

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

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