

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\  
 Data File : VX016928.D  
 Acq On : 22 Jun 2020 18:29  
 Operator : JC/SP  
 Sample : L3054-01DL 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 218DL

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2020 11:04:30 AM

Quant Time: Jun 23 08:21:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 19 12:07:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 324184   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 476249   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 511731   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 285935   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 161200   | 41.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 82.70%  |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 172152   | 56.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.02% |      |
| 50) Toluene-d8            | 8.70   | 98  | 694356   | 56.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.94% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 296228   | 63.43 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 126.86% |      |

## Target Compounds

|                             |       |     |        |         | Qvalue |
|-----------------------------|-------|-----|--------|---------|--------|
| 11) Tert butyl alcohol      | 3.03  | 59  | 3086m  | 4.682   | ug/l   |
| 16) Acetone                 | 2.42  | 43  | 711349 | 502.591 | ug/l   |
| 17) Carbon Disulfide        | 2.54  | 76  | 11062  | 1.236   | ug/l   |
| 19) Methyl tert-butyl Ether | 3.17  | 73  | 4249   | 0.430   | ug/l   |
| 20) Methylene Chloride      | 2.83  | 84  | 6511   | 1.918   | ug/l   |
| 25) 2-Butanone              | 4.64  | 43  | 38238  | 19.630  | ug/l   |
| 40) Benzene                 | 6.10  | 78  | 9348   | 0.708   | ug/l # |
| 51) 4-Methyl-2-Pentanone    | 8.62  | 43  | 19947  | 4.888   | ug/l   |
| 52) Toluene                 | 8.76  | 92  | 19142  | 2.187   | ug/l   |
| 67) Ethyl Benzene           | 10.24 | 91  | 6583   | 0.377   | ug/l   |
| 68) m/p-Xylenes             | 10.34 | 106 | 5023   | 0.738   | ug/l   |
| 69) o-Xylene                | 10.68 | 106 | 2694   | 0.428   | ug/l   |
| 84) 1,2,4-Trimethylbenzene  | 11.79 | 105 | 16797  | 1.027   | ug/l   |
| 95) Naphthalene             | 13.82 | 128 | 10719  | 0.614   | ug/l   |

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

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