

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092922\  
 Data File : VX031783.D  
 Acq On : 29 Sep 2022 19:01  
 Operator : JC/MD  
 Sample : N4887-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 220928033-02-VOA

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/30/2022  
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Sep 30 04:38:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 74718      | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 112197     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 119915     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 80143      | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 72347      | 45.621   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 91.240%  |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 65520      | 49.011   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 98.020%  |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 219628     | 45.316   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 90.640%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 79779      | 44.911   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 89.820%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 11) Tert butyl alcohol      | 2.983          | 59   | 742845     | 4092.368 | ug/l   | 99       |
| 16) Acetone                 | 2.386          | 43   | 55031      | 141.632  | ug/l   | 98       |
| 19) Methyl tert-butyl Ether | 3.117          | 73   | 3265       | 0.926    | ug/l   | 96       |
| 25) 2-Butanone              | 4.568          | 43   | 69233      | 91.463   | ug/l   | 94       |
| 29) Tetrahydrofuran         | 5.007          | 42   | 147440     | 310.062  | ug/l # | 82       |
| 40) Benzene                 | 6.044          | 78   | 8034       | 1.704    | ug/l   | 92       |
| 52) Toluene                 | 8.720          | 92   | 4130       | 1.314    | ug/l   | 98       |
| 65) Chlorobenzene           | 10.079         | 112  | 1447       | 0.433    | ug/l   | 94       |
| 67) Ethyl Benzene           | 10.195         | 91   | 14241      | 2.506    | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.299         | 106  | 8158       | 3.573    | ug/l   | 98       |
| 69) o-Xylene                | 10.640         | 106  | 5260       | 2.357    | ug/l   | 100      |
| 73) Isopropylbenzene        | 10.963         | 105  | 4485       | 0.865    | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene  | 11.451         | 105  | 1981       | 0.451    | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 11.756         | 105  | 6408       | 1.474    | ug/l   | 94       |
| 86) p-Isopropyltoluene      | 12.012         | 119  | 1489m      | 0.321    | ug/l   |          |
| 88) 1,4-Dichlorobenzene     | 12.042         | 146  | 5198       | 1.944    | ug/l   | 85       |
| 95) Naphthalene             | 13.774         | 128  | 58169      | 11.642   | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

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

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