

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068309.D
 Acq On : 25 Aug 2021 19:20
 Operator : JC/MD
 Sample : M3529-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31114

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 9:06:07 AM

Quant Time: Aug 26 05:40:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	619527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	943831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1088876	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	597607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	263358	39.813	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	79.620%		
35) Dibromofluoromethane	8.024	113	252666	42.640	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.280%		
50) Toluene-d8	10.443	98	1075835	47.648	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.733	95	458414	60.989	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	121.980%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.393	59	94517	114.578	ug/l	100
16) Acetone	4.291	43	1036855	536.859	ug/l #	86
25) 2-Butanone	7.345	43	143817	47.782	ug/l #	81
39) Methylcyclohexane	9.461	83	23510	2.698	ug/l #	83
40) Benzene	8.461	78	884591	37.564	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	98120	15.171	ug/l	91
52) Toluene	10.507	92	1366359	85.111	ug/l	99
59) 2-Hexanone	11.087	43	21608	4.812	ug/l	99
67) Ethyl Benzene	11.848	91	534585	14.537	ug/l	91
68) m/p-Xylenes	11.950	106	1410640	95.890	ug/l	77
69) o-Xylene	12.283	106	782438	55.047	ug/l	72
70) Styrene	12.296	104	1287622	56.595	ug/l #	89
73) Isopropylbenzene	12.581	105	75423	1.775	ug/l	98
78) n-propylbenzene	12.924	91	421436	9.244	ug/l #	71
80) 1,3,5-Trimethylbenzene	13.061	105	449649	13.077	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1784500	53.165	ug/l	92
85) sec-Butylbenzene	13.503	105	24634m	0.613	ug/l	
86) p-Isopropyltoluene	13.616	119	41675m	1.256	ug/l	
88) 1,4-Dichlorobenzene	13.696	146	5774	0.285	ug/l #	46
89) n-Butylbenzene	13.943	91	21483	0.868	ug/l #	76
93) 1,2,4-Trichlorobenzene	15.268	180	9282	3.566	ug/l #	74
95) Naphthalene	15.491	128	26551293m	1059.489	ug/l	
96) 1,2,3-Trichlorobenzene	15.702	180	10920	3.920	ug/l #	81

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

MMDadoda
8/26/2021 9:06:07 AM

Abundance

TIC: VN068309.D\data.ms

Time-->

6e+07

5.5e+07

5e+07

4.5e+07

4e+07

3.5e+07

3e+07

2.5e+07

2e+07

1.5e+07

1e+07

5000000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Acetone, T

Tert butyl alcohol, T

2-Butanone, T

1,4-Difluorobenzene, I

Methylcyclohexane, T

4-Methyl-2-Pentanone, T

1,3,5-Trimethylbenzene, T

2-Hexanone, T

Ethylbenzene, T

Chlorobenzene-d5, I

p-Xylenes, T

Styrene, T

Isopropylbenzene, T

4-Bromofluorobenzene, S

n-Propylbenzene, T

1,3,5-Trimethylbenzene, T

1,2,4-Trimethylbenzene, T

sec-Butylbenzene, T

p-Isobutylbenzene, T

n-Butylbenzene, T

1,2,4-Trichlorobenzene, I

1,2,4-Trichlorobenzene, T

1,2,3-Trichlorobenzene, T

Naphthalene, T