

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072604.D
 Acq On : 24 May 2022 22:31
 Operator : JC\MD
 Sample : N2968-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 25 09:23:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	132032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	244466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	388226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	181427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	85148	56.694	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.380%			
35) Dibromofluoromethane	8.016	113	72426	45.710	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.420%			
50) Toluene-d8	10.439	98	320263	52.936	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.880%			
62) 4-Bromofluorobenzene	12.727	95	180192	91.575	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 183.160%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.357	59	256814	908.070	ug/l	100
16) Acetone	4.281	43	15479	20.968	ug/l	94
19) Methyl tert-butyl Ether	5.604	73	133916	32.536	ug/l	98
22) Diisopropyl ether	6.492	45	28168	6.121	ug/l #	96
25) 2-Butanone	7.345	43	6142	4.931	ug/l #	78
31) Cyclohexane	8.081	56	7070	2.972	ug/l #	66
40) Benzene	8.457	78	3146594	435.007	ug/l	100
51) 4-Methyl-2-Pentanone	10.333	43	7747	2.723	ug/l #	85
52) Toluene	10.498	92	84886	18.531	ug/l	97
67) Ethyl Benzene	11.839	91	1156938	78.243	ug/l	99
68) m/p-Xylenes	11.951	106	400016	70.975	ug/l	99
69) o-Xylene	12.274	106	251151	46.097	ug/l	98
73) Isopropylbenzene	12.574	105	64625	3.999	ug/l	99
78) n-propylbenzene	12.916	91	138125	7.708	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	67157	5.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	582640	47.266	ug/l	100
85) sec-Butylbenzene	13.492	105	6433m	0.411	ug/l	
89) n-Butylbenzene	13.933	91	3664	0.368	ug/l #	74
95) Naphthalene	15.498	128	371974	32.944	ug/l	100

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

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