

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072711.D
 Acq On : 08 Jun 2022 21:31
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jun 09 05:55:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	159689	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	305387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	287886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	111101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	219950	51.319	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	102.640%		
35) Dibromofluoromethane	8.022	113	147374	48.771	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.540%		
50) Toluene-d8	10.439	98	559738	46.428	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.727	95	157772	38.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	76.280%		
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	1431	0.464	ug/l	# 85
5) Bromomethane	2.834	94	449	0.323	ug/l	# 56
6) Chloroethane	2.999	64	421m	0.211	ug/l	
7) Trichlorofluoromethane	3.357	101	984m	0.218	ug/l	
11) Tert butyl alcohol	5.310	59	4750m	4.646	ug/l	
13) Acrolein	4.034	56	265m	0.628	ug/l	
14) Allyl chloride	4.828	41	1380m	0.259	ug/l	
15) Acrylonitrile	5.563	53	1693	0.782	ug/l	# 83
16) Acetone	4.299	43	3381	1.646	ug/l	95
17) Carbon Disulfide	4.516	76	1918	0.330	ug/l	# 75
18) Methyl Acetate	4.869	43	1796	0.336	ug/l	# 48
20) Methylene Chloride	5.087	84	1073	0.331	ug/l	# 67
23) Vinyl Acetate	6.440	43	6904	0.699	ug/l	94
25) 2-Butanone	7.340	43	5379	1.628	ug/l	# 79
26) 2,2-Dichloropropane	7.310	77	2533	0.500	ug/l	# 53
28) Bromochloromethane	7.657	49	660	0.250	ug/l	# 38
29) Tetrahydrofuran	7.692	42	2352	1.152	ug/l	# 45
31) Cyclohexane	8.087	56	6277	1.296	ug/l	# 43
42) 1,2-Dichloroethane	8.522	62	1244	0.236	ug/l	# 74
43) Isopropyl Acetate	8.563	43	2069	0.204	ug/l	# 53
48) Methyl methacrylate	9.551	41	1041	0.217	ug/l	# 67
49) 1,4-Dioxane	9.581	88	63	0.718	ug/l	# 59
51) 4-Methyl-2-Pentanone	10.328	43	5312	0.804	ug/l	89
52) Toluene	10.504	92	1718	0.216	ug/l	88
53) t-1,3-Dichloropropene	10.716	75	1100	0.200	ug/l	# 85
58) 2-Chloroethyl Vinyl ether	10.039	63	2249	0.930	ug/l	99
59) 2-Hexanone	11.086	43	4458	0.917	ug/l	85
64) Tetrachloroethene	10.980	164	530	0.219	ug/l	# 43
65) Chlorobenzene	11.769	112	1669	0.218	ug/l	# 85
68) m/p-Xylenes	11.957	106	1822	0.355	ug/l	89
70) Styrene	12.286	104	1681	0.208	ug/l	# 81
74) N-ethyl acetate	12.392	43	1293	0.233	ug/l	# 68
76) 1,2,3-Trichloropropane	12.869	75	886m	0.247	ug/l	
77) Bromobenzene	12.863	156	543	0.231	ug/l	80
79) 2-Chlorotoluene	13.010	91	1872	0.229	ug/l	75
82) 4-Chlorotoluene	13.110	91	1994	0.264	ug/l	89

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83) tert-Butylbenzene	13.321	119	1904	0.230	ug/l	93
87) 1,3-Dichlorobenzene	13.621	146	983	0.246	ug/l	85
88) 1,4-Dichlorobenzene	13.692	146	1672m	0.428	ug/l	
89) n-Butylbenzene	13.939	91	1585	0.214	ug/l	97
91) 1,2-Dichlorobenzene	13.992	146	1023	0.262	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	785	0.417	ug/l #	65
95) Naphthalene	15.504	128	4187	0.574	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.686	180	804	0.429	ug/l #	81

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

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