

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072210.D
 Acq On : 27 Apr 2022 12:52
 Operator : JC\MD
 Sample : VN0427WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 06:02:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	269105	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	446133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	409969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	153629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	206761	50.047	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 100.100%		
35) Dibromofluoromethane	8.016	113	145189	50.845	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 101.700%		
50) Toluene-d8	10.439	98	569980	50.799	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 101.600%		
62) 4-Bromofluorobenzene	12.727	95	193217	51.880	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 103.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	58092	19.155	ug/l	95
3) Chloromethane	2.299	50	64505	18.549	ug/l	96
4) Vinyl Chloride	2.440	62	54036	17.837	ug/l	96
5) Bromomethane	2.846	94	31412	20.332	ug/l	95
6) Chloroethane	3.016	64	33473	18.504	ug/l	100
7) Trichlorofluoromethane	3.375	101	95336	18.013	ug/l	96
8) Diethyl Ether	3.828	74	37513	19.574	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.216	101	54054	19.444	ug/l	95
10) Methyl Iodide	4.422	142	64045	18.979	ug/l	# 88
11) Tert butyl alcohol	5.363	59	64752	95.374	ug/l	98
12) 1,1-Dichloroethene	4.187	96	48266	18.779	ug/l	89
13) Acrolein	4.040	56	65205	95.435	ug/l	98
14) Allyl chloride	4.840	41	98733	18.502	ug/l	# 92
15) Acrylonitrile	5.551	53	199515	97.383	ug/l	100
16) Acetone	4.281	43	161827	90.853	ug/l	96
17) Carbon Disulfide	4.528	76	111059	18.595	ug/l	99
18) Methyl Acetate	4.851	43	95986	19.252	ug/l	93
19) Methyl tert-butyl Ether	5.604	73	207551	20.601	ug/l	98
20) Methylene Chloride	5.093	84	66110	19.363	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	51769	18.266	ug/l	93
22) Diisopropyl ether	6.487	45	221675	20.167	ug/l	94
23) Vinyl Acetate	6.428	43	931880	100.944	ug/l	# 94
24) 1,1-Dichloroethane	6.381	63	115405	18.770	ug/l	99
25) 2-Butanone	7.328	43	263630	92.936	ug/l	95
26) 2,2-Dichloropropane	7.322	77	94188	19.611	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	65887	19.070	ug/l	91
28) Bromochloromethane	7.651	49	55603	20.196	ug/l	82
29) Tetrahydrofuran	7.681	42	178102	95.670	ug/l	88
30) Chloroform	7.816	83	119000	19.276	ug/l	99
31) Cyclohexane	8.092	56	101707	18.425	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	101568	19.333	ug/l	97
36) 1,1-Dichloropropene	8.216	75	81493	19.607	ug/l	94
37) Ethyl Acetate	7.404	43	107694	19.511	ug/l	98
38) Carbon Tetrachloride	8.204	117	86673	19.470	ug/l	95
39) Methylcyclohexane	9.457	83	90732	19.518	ug/l	89
40) Benzene	8.457	78	255523	19.820	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	57381	20.549	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	99963	20.253	ug/l	97
43) Isopropyl Acetate	8.557	43	165647	19.608	ug/l	97
44) Trichloroethene	9.210	130	56681	18.900	ug/l	86
45) 1,2-Dichloropropane	9.481	63	69802	20.037	ug/l	100
46) Dibromomethane	9.575	93	44343	20.319	ug/l	91
47) Bromodichloromethane	9.757	83	93543	20.429	ug/l	96
48) Methyl methacrylate	9.551	41	75007	20.572	ug/l	93
49) 1,4-Dioxane	9.569	88	25324	395.391	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	534094	102.552	ug/l	95
52) Toluene	10.498	92	159811	20.735	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	95652	20.780	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	104074	20.907	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	65739	20.343	ug/l	94
56) Ethyl methacrylate	10.757	69	102626	19.641	ug/l	92
57) 1,3-Dichloropropane	11.039	76	116851	20.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	100805	79.241	ug/l	93
59) 2-Hexanone	11.080	43	372812	101.602	ug/l	94
60) Dibromochloromethane	11.233	129	68969	20.871	ug/l	99
61) 1,2-Dibromoethane	11.339	107	65042	20.466	ug/l	100
64) Tetrachloroethene	10.975	164	49559	20.082	ug/l	96
65) Chlorobenzene	11.769	112	162707	19.642	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	64122	20.544	ug/l	97
67) Ethyl Benzene	11.839	91	291329	20.167	ug/l	99
68) m/p-Xylenes	11.951	106	219575	40.932	ug/l	93
69) o-Xylene	12.274	106	108093	20.785	ug/l	91
70) Styrene	12.286	104	173414	21.170	ug/l	96
71) Bromoform	12.451	173	46749	20.138	ug/l #	99
73) Isopropylbenzene	12.574	105	282953	20.854	ug/l	97
74) N-amyl acetate	12.386	43	101583	19.983	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.822	83	99966	21.260	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	89214m	25.804	ug/l	
77) Bromobenzene	12.857	156	63297	19.727	ug/l	85
78) n-propylbenzene	12.916	91	310306	20.759	ug/l	97
79) 2-Chlorotoluene	13.004	91	201649	20.538	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	242125	21.427	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.622	75	25954	19.534	ug/l	92
82) 4-Chlorotoluene	13.098	91	186191	20.372	ug/l	93
83) tert-Butylbenzene	13.316	119	202529	20.413	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	232076	21.227	ug/l	96
85) sec-Butylbenzene	13.498	105	268296	20.742	ug/l	96
86) p-Isopropyltoluene	13.610	119	217592	21.577	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	103607	19.950	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	100215	19.843	ug/l	95
89) n-Butylbenzene	13.939	91	159700	20.675	ug/l	98
90) Hexachloroethane	14.204	117	42430	19.382	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	108022	21.104	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	17004	18.120	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	42614	19.557	ug/l	98
94) Hexachlorobutadiene	15.368	225	26932	19.635	ug/l	97
95) Naphthalene	15.504	128	116445	17.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	42223	19.620	ug/l	97

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

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