

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069056.D
 Acq On : 20 Oct 2021 12:50
 Operator : JC/MD
 Sample : VN1020WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2021 6:55:22 PM

Quant Time: Oct 20 16:40:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	284609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	502519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	466695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	182101	48.528	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.060%		
35) Dibromofluoromethane	8.021	113	138313	47.307	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.620%		
50) Toluene-d8	10.443	98	552923	47.266	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.540%		
62) 4-Bromofluorobenzene	12.734	95	207810	47.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	64980	19.122	ug/l	98
3) Chloromethane	2.303	50	69837	20.076	ug/l	100
4) Vinyl Chloride	2.446	62	80832	22.877	ug/l	99
5) Bromomethane	2.856	94	55864	28.744	ug/l	98
6) Chloroethane	3.019	64	52828	25.370	ug/l	98
7) Trichlorofluoromethane	3.379	101	106517	21.529	ug/l	97
8) Diethyl Ether	3.832	74	40450	21.918	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.218	101	59216	22.258	ug/l	98
10) Methyl Iodide	4.427	142	73120	18.937	ug/l	97
11) Tert butyl alcohol	5.361	59	65064	94.890	ug/l #	84
12) 1,1-Dichloroethene	4.191	96	55560	20.203	ug/l	98
13) Acrolein	4.047	56	25873	85.298	ug/l	98
14) Allyl chloride	4.849	41	98022	19.883	ug/l	95
15) Acrylonitrile	5.557	53	159649	103.911	ug/l	98
16) Acetone	4.285	43	142148	101.509	ug/l	99
17) Carbon Disulfide	4.535	76	140129	18.775	ug/l	99
18) Methyl Acetate	4.857	43	116636	21.959	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	224028	21.878	ug/l	99
20) Methylene Chloride	5.101	84	71189	22.087	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	59269	19.949	ug/l	97
22) Diisopropyl ether	6.498	45	217426	21.208	ug/l	99
23) Vinyl Acetate	6.436	43	810589	104.586	ug/l	99
24) 1,1-Dichloroethane	6.391	63	120173	21.574	ug/l	98
25) 2-Butanone	7.335	43	219520	103.666	ug/l	98
26) 2,2-Dichloropropane	7.329	77	107872	20.321	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	74546	20.756	ug/l	99
28) Bromochloromethane	7.659	49	42251	16.747	ug/l	99
29) Tetrahydrofuran	7.686	42	142381	103.660	ug/l	98
30) Chloroform	7.820	83	127167	21.663	ug/l	98
31) Cyclohexane	8.099	56	113050	19.376	ug/l	94
32) 1,1,1-Trichloroethane	8.019	97	112247	20.512	ug/l	99
36) 1,1-Dichloropropene	8.225	75	90234	21.022	ug/l	99
37) Ethyl Acetate	7.413	43	90186	20.344	ug/l	99
38) Carbon Tetrachloride	8.209	117	96427	20.455	ug/l	98
39) Methylcyclohexane	9.462	83	115775	20.956	ug/l	97
40) Benzene	8.461	78	277455	21.228	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	44539	19.931	ug/l	91
42) 1,2-Dichloroethane	8.534	62	104251	22.524	ug/l	99
43) Isopropyl Acetate	8.563	43	166939	21.343	ug/l	100
44) Trichloroethene	9.217	130	70432	21.531	ug/l	98
45) 1,2-Dichloropropane	9.491	63	73613	21.705	ug/l	97
46) Dibromomethane	9.580	93	50781	21.935	ug/l	98
47) Bromodichloromethane	9.762	83	102827	21.433	ug/l	98
48) Methyl methacrylate	9.561	41	74974	20.400	ug/l	95
49) 1,4-Dioxane	9.569	88	26988	398.982	ug/l	96
51) 4-Methyl-2-Pentanone	10.331	43	472545	104.192	ug/l	100
52) Toluene	10.508	92	181630	21.599	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	114341	21.040	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	119617	21.156	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	73151	22.064	ug/l	98
56) Ethyl methacrylate	10.762	69	117305	21.073	ug/l	98
57) 1,3-Dichloropropane	11.047	76	123868	22.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	111037	81.480	ug/l	100
59) 2-Hexanone	11.087	43	339270	104.312	ug/l	100
60) Dibromochloromethane	11.240	129	76963	20.566	ug/l	99
61) 1,2-Dibromoethane	11.347	107	74920	22.031	ug/l	100
64) Tetrachloroethene	10.980	164	59937	19.937	ug/l	97
65) Chlorobenzene	11.771	112	194884	22.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	73596	21.292	ug/l	99
67) Ethyl Benzene	11.846	91	362564	22.102	ug/l	99
68) m/p-Xylenes	11.956	106	273206	43.933	ug/l	100
69) o-Xylene	12.283	106	134877	21.668	ug/l	99
70) Styrene	12.296	104	219998	21.712	ug/l	100
71) Bromoform	12.460	173	51360	18.549	ug/l #	99
73) Isopropylbenzene	12.581	105	353881	21.338	ug/l	100
74) N-amyl acetate	12.390	43	127565	20.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	108962	22.735	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	89699m	21.158	ug/l	
77) Bromobenzene	12.862	156	78435	21.388	ug/l	97
78) n-propylbenzene	12.921	91	407949	21.889	ug/l	99
79) 2-Chlorotoluene	13.010	91	251293	21.875	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	296327	21.452	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	31651	17.862	ug/l	95
82) 4-Chlorotoluene	13.106	91	246245	22.183	ug/l	99
83) tert-Butylbenzene	13.326	119	255671	21.262	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	289871	21.779	ug/l	99
85) sec-Butylbenzene	13.503	105	362836	21.787	ug/l	100
86) p-Isopropyltoluene	13.616	119	292688	21.911	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	139683	22.020	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	136990	21.759	ug/l	98
89) n-Butylbenzene	13.946	91	237167	21.327	ug/l	99
90) Hexachloroethane	14.214	117	54519	19.430	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	134625	21.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	18500	20.020	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	58792	19.256	ug/l	100
94) Hexachlorobutadiene	15.373	225	34267	19.530	ug/l	97
95) Naphthalene	15.509	128	155704	19.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	57677	19.717	ug/l	98

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

