

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068920.D
 Acq On : 14 Oct 2021 13:19
 Operator : JC/MD
 Sample : VN1014WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:53:19 PM

Quant Time: Oct 14 22:43:56 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	370800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	618564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	561722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	245377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215640	44.108	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.220%		
35) Dibromofluoromethane	8.021	113	172406	47.906	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.820%		
50) Toluene-d8	10.443	98	686924	47.704	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.400%		
62) 4-Bromofluorobenzene	12.733	95	246420	45.358	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	70634	16.160	ug/l	99
3) Chloromethane	2.303	50	74974	16.543	ug/l	100
4) Vinyl Chloride	2.443	62	86403	18.769	ug/l	98
5) Bromomethane	2.853	94	55871	22.065	ug/l	100
6) Chloroethane	3.017	64	52814	19.468	ug/l	98
7) Trichlorofluoromethane	3.376	101	113228	17.566	ug/l	99
8) Diethyl Ether	3.827	74	40142	16.695	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	63492	18.318	ug/l	98
10) Methyl Iodide	4.425	142	77610	15.427	ug/l	99
11) Tert butyl alcohol	5.363	59	66076	73.966	ug/l	98
12) 1,1-Dichloroethene	4.183	96	59846	16.703	ug/l	98
13) Acrolein	4.044	56	28725	72.688	ug/l	98
14) Allyl chloride	4.846	41	105934	16.493	ug/l	98
15) Acrylonitrile	5.554	53	157156	78.512	ug/l	100
16) Acetone	4.285	43	161499	88.520	ug/l	99
17) Carbon Disulfide	4.535	76	160999	16.557	ug/l	100
18) Methyl Acetate	4.857	43	109491	15.822	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	222431	16.673	ug/l	99
20) Methylene Chloride	5.101	84	71520	17.032	ug/l	98
21) trans-1,2-Dichloroethene	5.605	96	63857	16.497	ug/l	94
22) Diisopropyl ether	6.495	45	219796	16.456	ug/l	98
23) Vinyl Acetate	6.434	43	814983	80.711	ug/l	99
24) 1,1-Dichloroethane	6.393	63	120068	16.545	ug/l	99
25) 2-Butanone	7.332	43	225292	81.662	ug/l	98
26) 2,2-Dichloropropane	7.324	77	117859	17.042	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	77056	16.468	ug/l	98
28) Bromochloromethane	7.659	49	63346	19.273	ug/l	95
29) Tetrahydrofuran	7.683	42	143407	80.138	ug/l	99
30) Chloroform	7.820	83	128989	16.866	ug/l	99
31) Cyclohexane	8.096	56	123549	16.254	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	120831	16.948	ug/l	98
36) 1,1-Dichloropropene	8.222	75	94786	17.940	ug/l	99
37) Ethyl Acetate	7.412	43	90852	16.649	ug/l	99
38) Carbon Tetrachloride	8.209	117	103385	17.817	ug/l	98
39) Methylcyclohexane	9.461	83	123765	18.200	ug/l	96
40) Benzene	8.461	78	286957	17.836	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	44227	16.079	ug/l	94
42) 1,2-Dichloroethane	8.531	62	101340	17.788	ug/l	100
43) Isopropyl Acetate	8.560	43	163335	16.965	ug/l	100
44) Trichloroethene	9.217	130	74267	18.444	ug/l	100
45) 1,2-Dichloropropane	9.491	63	73141	17.520	ug/l	99
46) Dibromomethane	9.577	93	49916	17.516	ug/l	98
47) Bromodichloromethane	9.765	83	104772	17.742	ug/l	99
48) Methyl methacrylate	9.561	41	74652	16.502	ug/l	98
49) 1,4-Dioxane	9.569	88	26887	329.712	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	464446	83.194	ug/l	100
52) Toluene	10.505	92	190118	18.367	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	115104	17.207	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	121466	17.452	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	71766	17.585	ug/l	99
56) Ethyl methacrylate	10.762	69	117802	17.192	ug/l	96
57) 1,3-Dichloropropane	11.047	76	119153	17.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	141936	83.892	ug/l	98
59) 2-Hexanone	11.087	43	338939	84.660	ug/l	99
60) Dibromochloromethane	11.240	129	80188	17.408	ug/l	99
61) 1,2-Dibromoethane	11.347	107	72475	17.314	ug/l	98
64) Tetrachloroethene	10.979	164	69161	19.113	ug/l	96
65) Chlorobenzene	11.771	112	194065	18.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	74825	17.985	ug/l	99
67) Ethyl Benzene	11.846	91	365421	18.507	ug/l	98
68) m/p-Xylenes	11.956	106	280929	37.533	ug/l	98
69) o-Xylene	12.283	106	136820	18.262	ug/l	100
70) Styrene	12.296	104	222083	18.210	ug/l	99
71) Bromoform	12.460	173	57739	17.325	ug/l #	98
73) Isopropylbenzene	12.581	105	360531	17.652	ug/l	100
74) N-amyl acetate	12.390	43	124709	16.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	101901	17.265	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	84636m	16.211	ug/l	
77) Bromobenzene	12.862	156	81351	18.013	ug/l	93
78) n-propylbenzene	12.921	91	409099	17.824	ug/l	100
79) 2-Chlorotoluene	13.010	91	246170	17.401	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	301247	17.708	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	32661	14.967	ug/l	100
82) 4-Chlorotoluene	13.106	91	242075	17.708	ug/l	99
83) tert-Butylbenzene	13.326	119	261606	17.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	292312	17.834	ug/l	99
85) sec-Butylbenzene	13.503	105	367341	17.911	ug/l	99
86) p-Isopropyltoluene	13.619	119	297094	18.060	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	144314	18.473	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	142307	18.354	ug/l	99
89) n-Butylbenzene	13.943	91	244586	17.860	ug/l	99
90) Hexachloroethane	14.211	117	57425	16.618	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	139724	18.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	19049	16.739	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	64903	17.531	ug/l	99
94) Hexachlorobutadiene	15.373	225	42018	19.445	ug/l	99
95) Naphthalene	15.509	128	159428	16.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	61705	17.459	ug/l	98

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

