

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068656.D
 Acq On : 24 Sep 2021 22:30
 Operator : JC/MD
 Sample : M3911-06MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-CB-04-(0.5)MS

Manual Integrations
 APPROVED

MMDadoda
 9/25/2021 10:23:54 AM

Quant Time: Sep 25 01:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	425165	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	708879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	677567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	294965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	314584	47.353	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.700%		
35) Dibromofluoromethane	8.021	113	237353	50.017	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.040%		
50) Toluene-d8	10.443	98	930466	46.282	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.560%		
62) 4-Bromofluorobenzene	12.734	95	328412	47.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	209632	46.121	ug/l	98
3) Chloromethane	2.301	50	273424	36.475	ug/l	98
4) Vinyl Chloride	2.443	62	321581	44.177	ug/l	96
5) Bromomethane	2.837	94	200400	71.287	ug/l	98
6) Chloroethane	3.009	64	232226	62.039	ug/l	99
7) Trichlorofluoromethane	3.371	101	371084	43.811	ug/l	99
8) Diethyl Ether	3.827	74	134696	45.269	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	200772	44.347	ug/l	91
10) Methyl Iodide	4.425	142	243361	44.719	ug/l	90
11) Tert butyl alcohol	5.366	59	190871	186.826	ug/l	99
12) 1,1-Dichloroethene	4.186	96	192988	44.876	ug/l	88
13) Acrolein	4.044	56	111614	345.453	ug/l	100
14) Allyl chloride	4.843	41	366163	41.021	ug/l	97
15) Acrylonitrile	5.554	53	614483	223.145	ug/l	99
16) Acetone	4.285	43	535720	221.219	ug/l	94
17) Carbon Disulfide	4.532	76	535200	41.975	ug/l	98
18) Methyl Acetate	4.857	43	377469	38.665	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	735700	45.595	ug/l	99
20) Methylene Chloride	5.098	84	235036	46.597	ug/l	95
21) trans-1,2-Dichloroethene	5.600	96	209452	44.785	ug/l	93
22) Diisopropyl ether	6.498	45	814631	44.297	ug/l	97
23) Vinyl Acetate	6.434	43	2955867	204.186	ug/l	99
24) 1,1-Dichloroethane	6.388	63	429374	45.036	ug/l	100
25) 2-Butanone	7.335	43	859623	212.444	ug/l	100
26) 2,2-Dichloropropane	7.327	77	288159	35.422	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	251221	45.590	ug/l	89
28) Bromochloromethane	7.659	49	222382	52.345	ug/l	88
29) Tetrahydrofuran	7.683	42	574255	223.273	ug/l	100
30) Chloroform	7.820	83	445259	46.057	ug/l	98
31) Cyclohexane	8.096	56	392557	42.151	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	395825	46.771	ug/l	98
36) 1,1-Dichloropropene	8.223	75	326494	45.603	ug/l	97
37) Ethyl Acetate	7.413	43	325385	40.031	ug/l	99
38) Carbon Tetrachloride	8.209	117	353539	47.810	ug/l	99
39) Methylcyclohexane	9.462	83	382173	45.568	ug/l	95
40) Benzene	8.461	78	1039503	49.475	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	169524	39.433	ug/l	92
42) 1,2-Dichloroethane	8.531	62	367139	44.905	ug/l	98
43) Isopropyl Acetate	8.560	43	628059	45.169	ug/l	98
44) Trichloroethene	9.218	130	237735	46.947	ug/l	85
45) 1,2-Dichloropropane	9.491	63	263371	47.609	ug/l	99
46) Dibromomethane	9.580	93	177697	48.585	ug/l #	91
47) Bromodichloromethane	9.765	83	354942	46.798	ug/l	96
48) Methyl methacrylate	9.561	41	279087	43.945	ug/l	99
49) 1,4-Dioxane	9.569	88	82077	885.993	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1940939	230.821	ug/l	100
52) Toluene	10.508	92	628740	47.219	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	386551	46.197	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	396111	45.314	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	245400	47.541	ug/l	97
56) Ethyl methacrylate	10.762	69	406724	44.139	ug/l	98
57) 1,3-Dichloropropane	11.047	76	427238	47.410	ug/l	99
59) 2-Hexanone	11.087	43	1404208	232.220	ug/l	100
60) Dibromochloromethane	11.240	129	278949	50.006	ug/l	100
61) 1,2-Dibromoethane	11.347	107	257611	48.792	ug/l	100
64) Tetrachloroethene	10.980	164	197651	44.423	ug/l	94
65) Chlorobenzene	11.771	112	807665	56.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	259116	49.584	ug/l	99
67) Ethyl Benzene	11.846	91	1229150	47.132	ug/l	96
68) m/p-Xylenes	11.953	106	931737	97.339	ug/l	88
69) o-Xylene	12.283	106	468675	49.839	ug/l	91
70) Styrene	12.296	104	770969	50.972	ug/l	96
71) Bromoform	12.460	173	203624	51.653	ug/l #	99
73) Isopropylbenzene	12.581	105	1226758	46.383	ug/l	97
74) N-amyl acetate	12.388	43	500155	44.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	373353	45.048	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	310677m	42.598	ug/l	
77) Bromobenzene	12.862	156	282839	46.646	ug/l	78
78) n-propylbenzene	12.921	91	1392909	46.379	ug/l	96
79) 2-Chlorotoluene	13.010	91	812303	44.766	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	974417	46.914	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	114780	44.455	ug/l	96
82) 4-Chlorotoluene	13.106	91	824856	46.778	ug/l	94
83) tert-Butylbenzene	13.326	119	884488	46.884	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	987307	48.760	ug/l	93
85) sec-Butylbenzene	13.503	105	1215543	47.361	ug/l	96
86) p-Isopropyltoluene	13.619	119	995610	48.445	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	478431	46.498	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	483501	46.271	ug/l	96
89) n-Butylbenzene	13.946	91	809073	45.376	ug/l	97
90) Hexachloroethane	14.211	117	197347	48.679	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	480390	48.139	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	65977	42.957	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	230872	46.641	ug/l	97
94) Hexachlorobutadiene	15.370	225	119682	44.990	ug/l	99
95) Naphthalene	15.507	128	1221889	84.879	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	225805	46.688	ug/l	97

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

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