

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069076.D
 Acq On : 20 Oct 2021 21:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/21/2021 6:55:29 PM

Quant Time: Oct 20 23:16:48 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	335906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	598593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	559969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	239887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	208994	47.190	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.380%		
35) Dibromofluoromethane	8.024	113	164934	47.358	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.720%		
50) Toluene-d8	10.443	98	661186	47.449	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.733	95	247260	47.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	172740	41.514	ug/l	99
3) Chloromethane	2.303	50	181958	44.318	ug/l	100
4) Vinyl Chloride	2.445	62	220667	52.915	ug/l	99
5) Bromomethane	2.832	94	115666	50.425	ug/l	100
6) Chloroethane	3.006	64	142879	58.137	ug/l	100
7) Trichlorofluoromethane	3.371	101	286017	48.980	ug/l	99
8) Diethyl Ether	3.829	74	102005	46.831	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	150569	47.954	ug/l	99
10) Methyl Iodide	4.427	142	172506	37.853	ug/l	98
11) Tert butyl alcohol	5.363	59	165641	204.682	ug/l	100
12) 1,1-Dichloroethene	4.186	96	147997	45.598	ug/l	100
13) Acrolein	4.044	56	91514	255.630	ug/l	99
14) Allyl chloride	4.846	41	251272	43.186	ug/l	94
15) Acrylonitrile	5.557	53	419328	231.248	ug/l	99
16) Acetone	4.285	43	336014	203.307	ug/l	99
17) Carbon Disulfide	4.535	76	369631	41.962	ug/l	99
18) Methyl Acetate	4.854	43	300920	48.002	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	587547	48.616	ug/l	98
20) Methylene Chloride	5.098	84	180059	47.334	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	159009	45.347	ug/l	98
22) Diisopropyl ether	6.498	45	590663	48.816	ug/l	98
23) Vinyl Acetate	6.436	43	2186867	239.071	ug/l	98
24) 1,1-Dichloroethane	6.391	63	317258	48.258	ug/l	100
25) 2-Butanone	7.335	43	571137	228.525	ug/l	99
26) 2,2-Dichloropropane	7.329	77	248439	39.654	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	201179	47.462	ug/l	98
28) Bromochloromethane	7.659	49	134308	45.107	ug/l	98
29) Tetrahydrofuran	7.683	42	379430	234.056	ug/l	96
30) Chloroform	7.820	83	348076	50.239	ug/l	97
31) Cyclohexane	8.096	56	292433	42.467	ug/l	95
32) 1,1,1-Trichloroethane	8.019	97	311176	48.179	ug/l	99
36) 1,1-Dichloropropene	8.225	75	245964	48.106	ug/l	99
37) Ethyl Acetate	7.412	43	244969	46.390	ug/l	100
38) Carbon Tetrachloride	8.209	117	264911	47.176	ug/l	97
39) Methylcyclohexane	9.464	83	302549	45.974	ug/l	96
40) Benzene	8.461	78	748655	48.086	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	121801	45.758	ug/l	96
42) 1,2-Dichloroethane	8.531	62	276729	50.193	ug/l	99
43) Isopropyl Acetate	8.560	43	453637	48.689	ug/l	99
44) Trichloroethene	9.217	130	181682	46.626	ug/l	98
45) 1,2-Dichloropropane	9.491	63	193269	47.839	ug/l	97
46) Dibromomethane	9.579	93	135234	49.038	ug/l	98
47) Bromodichloromethane	9.762	83	276664	48.413	ug/l	100
48) Methyl methacrylate	9.561	41	185445	42.361	ug/l	87
49) 1,4-Dioxane	9.569	88	68926	814.667	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1281512	237.210	ug/l	99
52) Toluene	10.507	92	494152	49.332	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	299608	46.283	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	314862	46.749	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	193645	49.033	ug/l	99
56) Ethyl methacrylate	10.762	69	317778	47.924	ug/l	98
57) 1,3-Dichloropropane	11.047	76	326919	50.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	392792	205.023	ug/l	99
59) 2-Hexanone	11.087	43	918063	236.965	ug/l	99
60) Dibromochloromethane	11.240	129	210682	47.262	ug/l	99
61) 1,2-Dibromoethane	11.350	107	200186	49.419	ug/l	98
64) Tetrachloroethene	10.979	164	149567	41.463	ug/l	96
65) Chlorobenzene	11.773	112	524934	49.539	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	200495	48.343	ug/l	99
67) Ethyl Benzene	11.846	91	968567	49.208	ug/l	100
68) m/p-Xylenes	11.956	106	732564	98.179	ug/l	99
69) o-Xylene	12.283	106	371875	49.791	ug/l	100
70) Styrene	12.296	104	608904	50.084	ug/l	100
71) Bromoform	12.460	173	147775	44.479	ug/l #	99
73) Isopropylbenzene	12.581	105	968712	48.516	ug/l	100
74) N-amyl acetate	12.390	43	368171	48.669	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	288928	50.072	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	221768m	43.449	ug/l	
77) Bromobenzene	12.862	156	214552	48.594	ug/l	99
78) n-propylbenzene	12.924	91	1098021	48.934	ug/l	100
79) 2-Chlorotoluene	13.010	91	672847	48.650	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	812055	48.827	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	89481	41.942	ug/l	97
82) 4-Chlorotoluene	13.106	91	661143	49.469	ug/l	100
83) tert-Butylbenzene	13.326	119	715171	49.398	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	793606	49.525	ug/l	100
85) sec-Butylbenzene	13.503	105	983612	49.057	ug/l	100
86) p-Isopropyltoluene	13.619	119	792026	49.248	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	374051	48.978	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	371114	48.960	ug/l	98
89) n-Butylbenzene	13.946	91	655282	48.944	ug/l	99
90) Hexachloroethane	14.214	117	154176	45.637	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	367344	49.515	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	52103	46.833	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	167421	41.994	ug/l	99
94) Hexachlorobutadiene	15.373	225	91380	43.257	ug/l	99
95) Naphthalene	15.507	128	496452	45.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	164118	43.173	ug/l	98

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

