

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068861.D
 Acq On : 12 Oct 2021 11:50
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 10/14/2021 1:30:03 PM

Quant Time: Oct 13 04:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 04:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	391907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	678735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	638770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	277499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	242236	38.423	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	76.840%		
35) Dibromofluoromethane	8.021	113	185932	39.764	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	79.520%		
50) Toluene-d8	10.443	98	760716	40.973	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	81.940%		
62) 4-Bromofluorobenzene	12.733	95	285358	44.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	238062	55.612	ug/l	100
3) Chloromethane	2.301	50	256367	38.600	ug/l	100
4) Vinyl Chloride	2.443	62	267284	40.935	ug/l	100
5) Bromomethane	2.837	94	151851	50.376	ug/l	100
6) Chloroethane	3.009	64	157808	42.301	ug/l	100
7) Trichlorofluoromethane	3.371	101	365541	47.257	ug/l	100
8) Diethyl Ether	3.827	74	135099	49.418	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	196059	47.354	ug/l	100
10) Methyl Iodide	4.422	142	284555	55.066	ug/l	100
11) Tert butyl alcohol	5.363	59	239648	251.819	ug/l	100
12) 1,1-Dichloroethene	4.186	96	194559	49.206	ug/l	100
13) Acrolein	4.041	56	96207	282.250	ug/l	100
14) Allyl chloride	4.843	41	371680	46.010	ug/l	100
15) Acrylonitrile	5.554	53	574590	230.798	ug/l	100
16) Acetone	4.285	43	518757	209.646	ug/l	100
17) Carbon Disulfide	4.535	76	555298	47.671	ug/l	100
18) Methyl Acetate	4.854	43	390699	44.077	ug/l	100
19) Methyl tert-butyl Ether	5.615	73	769440	51.631	ug/l	100
20) Methylene Chloride	5.095	84	230878	43.441	ug/l	100
21) trans-1,2-Dichloroethene	5.599	96	215978	50.176	ug/l	100
22) Diisopropyl ether	6.495	45	789456	47.476	ug/l	100
23) Vinyl Acetate	6.434	43	2975069	228.837	ug/l	100
24) 1,1-Dichloroethane	6.388	63	410552	47.109	ug/l	100
25) 2-Butanone	7.332	43	805751	221.250	ug/l	100
26) 2,2-Dichloropropane	7.327	77	391345	51.473	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	260496	51.024	ug/l	100
28) Bromochloromethane	7.659	49	176396	45.623	ug/l	100
29) Tetrahydrofuran	7.683	42	530850	229.771	ug/l	100
30) Chloroform	7.817	83	439914	49.479	ug/l	100
31) Cyclohexane	8.096	56	405262	47.469	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	406160	51.818	ug/l	100
36) 1,1-Dichloropropene	8.222	75	319640	47.221	ug/l	100
37) Ethyl Acetate	7.410	43	332401	43.881	ug/l	100
38) Carbon Tetrachloride	8.209	117	350154	49.611	ug/l	100
39) Methylcyclohexane	9.461	83	414442	51.554	ug/l	100
40) Benzene	8.461	78	977642	48.919	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	170327	42.405	ug/l	100
42) 1,2-Dichloroethane	8.531	62	348501	45.266	ug/l	100
43) Isopropyl Acetate	8.560	43	595972	45.584	ug/l	100
44) Trichloroethene	9.217	130	244003	50.345	ug/l	100
45) 1,2-Dichloropropane	9.491	63	252367	48.279	ug/l	100
46) Dibromomethane	9.579	93	171249	49.293	ug/l	100
47) Bromodichloromethane	9.762	83	362183	50.102	ug/l	100
48) Methyl methacrylate	9.561	41	278680	47.126	ug/l	100
49) 1,4-Dioxane	9.569	88	95223	1069.859	ug/l	100
51) 4-Methyl-2-Pentanone	10.330	43	1730212	222.382	ug/l	100
52) Toluene	10.507	92	644693	50.841	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	410889	51.512	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	426714	51.138	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	245890	50.067	ug/l	100
56) Ethyl methacrylate	10.762	69	418841	53.022	ug/l	100
57) 1,3-Dichloropropane	11.047	76	416103	48.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	507382	247.787	ug/l	100
59) 2-Hexanone	11.087	43	1245788	222.741	ug/l	100
60) Dibromochloromethane	11.240	129	280992	52.685	ug/l	100
61) 1,2-Dibromoethane	11.347	107	260260	51.731	ug/l	100
64) Tetrachloroethene	10.979	164	225807	53.179	ug/l	100
65) Chlorobenzene	11.771	112	658982	49.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	258911	52.466	ug/l	100
67) Ethyl Benzene	11.846	91	1252799	51.044	ug/l	100
68) m/p-Xylenes	11.953	106	945308	104.593	ug/l	100
69) o-Xylene	12.283	106	470678	52.847	ug/l	100
70) Styrene	12.296	104	774786	54.021	ug/l	100
71) Bromoform	12.460	173	210819	55.746	ug/l #	100
73) Isopropylbenzene	12.581	105	1231564	49.750	ug/l	100
74) N-amyl acetate	12.387	43	483185	46.556	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.827	83	356636	46.277	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	337338m	49.932	ug/l	100
77) Bromobenzene	12.862	156	274573	48.320	ug/l	100
78) n-propylbenzene	12.921	91	1406916	50.049	ug/l	100
79) 2-Chlorotoluene	13.010	91	856018	50.179	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1031179	52.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	129086	53.006	ug/l	100
82) 4-Chlorotoluene	13.106	91	834051	50.314	ug/l	100
83) tert-Butylbenzene	13.326	119	896993	50.545	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1005788	52.595	ug/l	100
85) sec-Butylbenzene	13.503	105	1258127	51.984	ug/l	100
86) p-Isopropyltoluene	13.618	119	1012995	52.417	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	483938	50.058	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	477843	48.576	ug/l	100
89) n-Butylbenzene	13.943	91	853870	50.887	ug/l	100
90) Hexachloroethane	14.214	117	209122	54.002	ug/l	100
91) 1,2-Dichlorobenzene	13.989	146	473356	50.186	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	71371	49.375	ug/l	100
93) 1,2,4-Trichlorobenzene	15.265	180	223635	48.270	ug/l	100
94) Hexachlorobutadiene	15.373	225	133710	52.343	ug/l	100
95) Naphthalene	15.507	128	602907	47.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	213849	47.358	ug/l	100

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

