

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069102.D
 Acq On : 21 Oct 2021 21:05
 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
 10/22/2021 7:09:24 PM

Quant Time: Oct 22 01:35:58 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	291934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	524019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	505751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	226670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	193341	50.231	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.460%			
35) Dibromofluoromethane	8.021	113	147441	48.360	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.720%			
50) Toluene-d8	10.443	98	606571	49.724	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.734	95	238764	51.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	156372	43.189	ug/l	100
3) Chloromethane	2.301	50	175588	49.209	ug/l	100
4) Vinyl Chloride	2.443	62	204187	56.339	ug/l	98
5) Bromomethane	2.824	94	133242	66.837	ug/l	97
6) Chloroethane	3.001	64	136861	64.076	ug/l	99
7) Trichlorofluoromethane	3.365	101	264769	52.171	ug/l	100
8) Diethyl Ether	3.827	74	97904	51.719	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.213	101	143549	52.604	ug/l	98
10) Methyl Iodide	4.422	142	187829	47.424	ug/l	99
11) Tert butyl alcohol	5.369	59	169840	241.482	ug/l	100
12) 1,1-Dichloroethene	4.183	96	138278	49.020	ug/l	98
13) Acrolein	4.041	56	83735	269.131	ug/l	99
14) Allyl chloride	4.843	41	238688	47.202	ug/l	96
15) Acrylonitrile	5.554	53	411336	261.008	ug/l	99
16) Acetone	4.285	43	333106	231.905	ug/l	99
17) Carbon Disulfide	4.532	76	339656	44.367	ug/l	99
18) Methyl Acetate	4.854	43	289870	53.204	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	551853	52.540	ug/l	99
20) Methylene Chloride	5.098	84	169765	51.350	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	149875	49.180	ug/l	97
22) Diisopropyl ether	6.495	45	549057	52.212	ug/l	99
23) Vinyl Acetate	6.434	43	2037433	256.284	ug/l	99
24) 1,1-Dichloroethane	6.391	63	297849	52.130	ug/l	99
25) 2-Butanone	7.335	43	552694	254.455	ug/l	97
26) 2,2-Dichloropropane	7.329	77	226325	41.565	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	187140	50.799	ug/l	98
28) Bromochloromethane	7.659	49	131505	50.818	ug/l	98
29) Tetrahydrofuran	7.683	42	366408	260.068	ug/l	96
30) Chloroform	7.820	83	325739	54.097	ug/l	98
31) Cyclohexane	8.096	56	271105	45.300	ug/l	94
32) 1,1,1-Trichloroethane	8.019	97	292927	52.185	ug/l	99
36) 1,1-Dichloropropene	8.225	75	232423	51.927	ug/l	99
37) Ethyl Acetate	7.412	43	234016	50.623	ug/l	98
38) Carbon Tetrachloride	8.209	117	245997	50.042	ug/l	100
39) Methylcyclohexane	9.461	83	283502	49.211	ug/l	96
40) Benzene	8.461	78	706551	51.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	117008	50.213	ug/l	96
42) 1,2-Dichloroethane	8.531	62	262941	54.480	ug/l	100
43) Isopropyl Acetate	8.560	43	421118	51.631	ug/l	100
44) Trichloroethene	9.217	130	173475	50.856	ug/l	98
45) 1,2-Dichloropropane	9.491	63	182686	51.655	ug/l	99
46) Dibromomethane	9.580	93	128754	53.333	ug/l	98
47) Bromodichloromethane	9.765	83	261194	52.210	ug/l	100
48) Methyl methacrylate	9.561	41	182996	47.750	ug/l	90
49) 1,4-Dioxane	9.571	88	76692	1025.799	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1269042	268.331	ug/l	99
52) Toluene	10.507	92	470103	53.610	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	285385	50.360	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	298585	50.642	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	187221	54.153	ug/l	99
56) Ethyl methacrylate	10.762	69	312598	53.852	ug/l	98
57) 1,3-Dichloropropane	11.047	76	316223	55.470	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	494608	286.684	ug/l	99
59) 2-Hexanone	11.087	43	938539	276.725	ug/l	99
60) Dibromochloromethane	11.240	129	201959	51.753	ug/l	100
61) 1,2-Dibromoethane	11.347	107	195686	55.183	ug/l	99
64) Tetrachloroethene	10.980	164	152095	46.684	ug/l	98
65) Chlorobenzene	11.773	112	509649	53.253	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	189971	50.715	ug/l	100
67) Ethyl Benzene	11.846	91	941767	52.976	ug/l	99
68) m/p-Xylenes	11.956	106	706044	104.769	ug/l	99
69) o-Xylene	12.283	106	356211	52.807	ug/l	99
70) Styrene	12.296	104	598642	54.519	ug/l	99
71) Bromoform	12.460	173	145238	48.402	ug/l #	99
73) Isopropylbenzene	12.581	105	948548	50.276	ug/l	99
74) N-amyl acetate	12.390	43	372493	52.112	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	292175	53.587	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	229628m	47.612	ug/l	
77) Bromobenzene	12.862	156	213075	51.073	ug/l	98
78) n-propylbenzene	12.924	91	1087118	51.273	ug/l	99
79) 2-Chlorotoluene	13.010	91	666271	50.983	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	787553	50.115	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	88788	44.044	ug/l	95
82) 4-Chlorotoluene	13.106	91	656419	51.980	ug/l	100
83) tert-Butylbenzene	13.326	119	693040	50.661	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	775551	51.221	ug/l	99
85) sec-Butylbenzene	13.503	105	978030	51.623	ug/l	99
86) p-Isopropyltoluene	13.619	119	787589	51.828	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	376400	52.159	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	366862	51.222	ug/l	99
89) n-Butylbenzene	13.946	91	660426	52.204	ug/l	100
90) Hexachloroethane	14.214	117	153316	48.029	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	362676	51.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	52586	50.023	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	170314	45.011	ug/l	99
94) Hexachlorobutadiene	15.373	225	91142	45.660	ug/l	99
95) Naphthalene	15.509	128	493253	47.127	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	164037	45.522	ug/l	99

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

