

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069052.D
 Acq On : 20 Oct 2021 10:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/21/2021 6:55:17 PM

Quant Time: Oct 20 16:37:58 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	8.086	168	298411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	521771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	497769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	223450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	202545	51.480	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.960%			
35) Dibromofluoromethane	8.021	113	152487	50.231	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.460%			
50) Toluene-d8	10.443	98	621359	51.156	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.734	95	244944	53.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	167733	45.260	ug/l	99
3) Chloromethane	2.301	50	172080	47.179	ug/l	100
4) Vinyl Chloride	2.443	62	206715	55.798	ug/l	99
5) Bromomethane	2.832	94	132976	65.256	ug/l	100
6) Chloroethane	3.006	64	133745	61.258	ug/l	99
7) Trichlorofluoromethane	3.371	101	269685	51.986	ug/l	99
8) Diethyl Ether	3.827	74	98653	50.983	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	151433	54.289	ug/l	98
10) Methyl Iodide	4.422	142	190206	46.981	ug/l	98
11) Tert butyl alcohol	5.364	59	156108	217.140	ug/l	97
12) 1,1-Dichloroethene	4.186	96	139840	48.498	ug/l	96
13) Acrolein	4.041	56	88356	277.820	ug/l	98
14) Allyl chloride	4.843	41	249785	48.324	ug/l	96
15) Acrylonitrile	5.551	53	400168	248.411	ug/l	99
16) Acetone	4.283	43	446069	303.808	ug/l	100
17) Carbon Disulfide	4.532	76	362617	46.339	ug/l	100
18) Methyl Acetate	4.851	43	284781	51.136	ug/l	98
19) Methyl tert-butyl Ether	5.613	73	565971	52.714	ug/l	99
20) Methylene Chloride	5.098	84	169847	50.259	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	153950	49.420	ug/l	96
22) Diisopropyl ether	6.495	45	567554	52.800	ug/l	98
23) Vinyl Acetate	6.434	43	2102160	258.687	ug/l	99
24) 1,1-Dichloroethane	6.388	63	304693	52.171	ug/l	99
25) 2-Butanone	7.332	43	598289	269.468	ug/l	97
26) 2,2-Dichloropropane	7.327	77	287805	51.709	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	189976	50.450	ug/l	99
28) Bromochloromethane	7.657	49	130921	49.494	ug/l	99
29) Tetrahydrofuran	7.681	42	359949	249.938	ug/l	97
30) Chloroform	7.820	83	330929	53.766	ug/l	98
31) Cyclohexane	8.097	56	279487	45.687	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	295960	51.581	ug/l	99
36) 1,1-Dichloropropene	8.223	75	237814	53.360	ug/l	99
37) Ethyl Acetate	7.413	43	231433	50.280	ug/l	99
38) Carbon Tetrachloride	8.206	117	252623	51.612	ug/l	100
39) Methylcyclohexane	9.462	83	304447	53.074	ug/l	97
40) Benzene	8.461	78	712267	52.484	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	121612	52.413	ug/l	99
42) 1,2-Dichloroethane	8.531	62	266473	55.449	ug/l	100
43) Isopropyl Acetate	8.560	43	418164	51.489	ug/l	99
44) Trichloroethene	9.218	130	176569	51.986	ug/l	99
45) 1,2-Dichloropropane	9.491	63	187638	53.283	ug/l	98
46) Dibromomethane	9.577	93	130316	54.212	ug/l	98
47) Bromodichloromethane	9.762	83	266948	53.590	ug/l	100
48) Methyl methacrylate	9.561	41	194352	50.932	ug/l	96
49) 1,4-Dioxane	9.569	88	65885	889.936	ug/l	96
51) 4-Methyl-2-Pentanone	10.331	43	1218705	258.798	ug/l	99
52) Toluene	10.508	92	471825	54.039	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	306823	54.376	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	317468	54.076	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	187848	54.568	ug/l	98
56) Ethyl methacrylate	10.762	69	310521	53.725	ug/l	97
57) 1,3-Dichloropropane	11.047	76	317519	55.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	370827	220.498	ug/l	100
59) 2-Hexanone	11.087	43	924003	273.613	ug/l	99
60) Dibromochloromethane	11.240	129	206867	53.239	ug/l	99
61) 1,2-Dibromoethane	11.347	107	194700	55.141	ug/l	100
64) Tetrachloroethene	10.980	164	151976	47.395	ug/l	97
65) Chlorobenzene	11.771	112	513280	54.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	192066	52.097	ug/l	99
67) Ethyl Benzene	11.846	91	947958	54.179	ug/l	99
68) m/p-Xylenes	11.953	106	720468	108.624	ug/l	99
69) o-Xylene	12.283	106	357018	53.775	ug/l	98
70) Styrene	12.296	104	601420	55.650	ug/l	100
71) Bromoform	12.460	173	145077	49.124	ug/l #	98
73) Isopropylbenzene	12.581	105	952727	51.225	ug/l	100
74) N-amyl acetate	12.388	43	359999	51.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	282746	52.605	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	217268m	45.698	ug/l	
77) Bromobenzene	12.862	156	210964	51.296	ug/l	98
78) n-propylbenzene	12.921	91	1113521	53.275	ug/l	99
79) 2-Chlorotoluene	13.010	91	674801	52.380	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	796633	51.423	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	94110	47.357	ug/l	97
82) 4-Chlorotoluene	13.106	91	669885	53.810	ug/l	99
83) tert-Butylbenzene	13.326	119	691272	51.260	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	783335	52.480	ug/l	99
85) sec-Butylbenzene	13.503	105	998775	53.477	ug/l	100
86) p-Isopropyltoluene	13.619	119	809733	54.053	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	380326	53.462	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	376025	53.257	ug/l	99
89) n-Butylbenzene	13.943	91	692560	55.533	ug/l	99
90) Hexachloroethane	14.211	117	155221	49.326	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	363967	52.669	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	50917	49.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	174033	46.562	ug/l	99
94) Hexachlorobutadiene	15.373	225	94505	48.028	ug/l	98
95) Naphthalene	15.507	128	469169	45.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	165856	46.626	ug/l	99

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

