

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072821\
 Data File : VN067947.D
 Acq On : 28 Jul 2021 10:56
 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
 7/29/2021 4:13:11 PM

Quant Time: Jul 29 02:48:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	383622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	666941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	655766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	326639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	279934	48.284	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.560%
35) Dibromofluoromethane	8.021	113	217785	54.048	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.100%
50) Toluene-d8	10.443	98	860569	51.023	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.733	95	319903	53.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	165947	50.893	ug/l	98
3) Chloromethane	2.301	50	204027	39.506	ug/l	96
4) Vinyl Chloride	2.443	62	327346	41.998	ug/l	96
5) Bromomethane	2.823	94	278833	52.900	ug/l	99
6) Chloroethane	3.001	64	259307	49.056	ug/l	96
7) Trichlorofluoromethane	3.363	101	629420	53.332	ug/l	99
8) Diethyl Ether	3.818	74	126339	40.718	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	197005	55.412	ug/l	96
10) Methyl Iodide	4.411	142	239260	56.492	ug/l	90
11) Tert butyl alcohol	5.387	59	191896	230.332	ug/l	# 86
12) 1,1-Dichloroethene	4.170	96	173686	50.918	ug/l	88
13) Acrolein	4.036	56	106298	261.922	ug/l	99
14) Allyl chloride	4.832	41	311062	49.609	ug/l	98
15) Acrylonitrile	5.554	53	559751	270.881	ug/l	99
16) Acetone	4.285	43	509919	279.515	ug/l	94
17) Carbon Disulfide	4.519	76	424804	44.959	ug/l	98
18) Methyl Acetate	4.854	43	272231	53.128	ug/l	94
19) Methyl tert-butyl Ether	5.615	73	733245	51.874	ug/l	99
20) Methylene Chloride	5.092	84	228843	53.787	ug/l	90
21) trans-1,2-Dichloroethene	5.597	96	204771	50.775	ug/l	87
22) Diisopropyl ether	6.498	45	732894	51.509	ug/l	96
23) Vinyl Acetate	6.433	43	3066348	252.071	ug/l	# 95
24) 1,1-Dichloroethane	6.385	63	402265	50.714	ug/l	99
25) 2-Butanone	7.337	43	786992	259.792	ug/l	95
26) 2,2-Dichloropropane	7.327	77	363057	52.374	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	256182	50.761	ug/l	86
28) Bromochloromethane	7.656	49	177191	45.778	ug/l	# 22
29) Tetrahydrofuran	7.689	42	503000	252.494	ug/l	93
30) Chloroform	7.817	83	452553	50.793	ug/l	98
31) Cyclohexane	8.091	56	344121	42.331	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	391559	50.682	ug/l	97
36) 1,1-Dichloropropene	8.222	75	317445	51.240	ug/l	96
37) Ethyl Acetate	7.412	43	322057	53.652	ug/l	99
38) Carbon Tetrachloride	8.206	117	335945	54.974	ug/l	100
39) Methylcyclohexane	9.461	83	341091	50.292	ug/l	90
40) Benzene	8.458	78	961424	51.845	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	158905	51.507	ug/l	93
42) 1,2-Dichloroethane	8.531	62	366855	53.270	ug/l	96
43) Isopropyl Acetate	8.563	43	554581	52.522	ug/l	97
44) Trichloroethene	9.217	130	245553	52.175	ug/l	83
45) 1,2-Dichloropropane	9.491	63	247893	52.798	ug/l	98
46) Dibromomethane	9.579	93	179087	53.756	ug/l	95
47) Bromodichloromethane	9.764	83	358007	54.969	ug/l	96
48) Methyl methacrylate	9.561	41	243610	52.163	ug/l	90
49) 1,4-Dioxane	9.569	88	83057	897.319	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	1760931	271.459	ug/l	95
52) Toluene	10.507	92	645980	53.178	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	387055	49.876	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	403060	55.649	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	264223	56.758	ug/l	95
56) Ethyl methacrylate	10.762	69	404650	56.421	ug/l	91
57) 1,3-Dichloropropane	11.046	76	427127	53.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	401530	212.670	ug/l	92
59) 2-Hexanone	11.087	43	1274619	281.500	ug/l	93
60) Dibromochloromethane	11.240	129	278737	48.843	ug/l	100
61) 1,2-Dibromoethane	11.349	107	266279	56.026	ug/l	100
64) Tetrachloroethene	10.979	164	232884	50.310	ug/l	93
65) Chlorobenzene	11.771	112	704822	52.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	269637	56.915	ug/l	99
67) Ethyl Benzene	11.848	91	1299095	52.984	ug/l	97
68) m/p-Xylenes	11.956	106	1014261	109.372	ug/l	86
69) o-Xylene	12.283	106	492786	54.048	ug/l	87
70) Styrene	12.296	104	845916	58.000	ug/l	93
71) Bromoform	12.460	173	192733	46.126	ug/l #	100
73) Isopropylbenzene	12.581	105	1280252	48.578	ug/l	96
74) N-amyl acetate	12.390	43	483379	50.557	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	393915	51.500	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	331943m	49.762	ug/l	
77) Bromobenzene	12.862	156	304027	52.122	ug/l	74
78) n-propylbenzene	12.921	91	1496566	50.208	ug/l	96
79) 2-Chlorotoluene	13.010	91	906409	50.332	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	1083366	50.733	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	113439	54.829	ug/l	94
82) 4-Chlorotoluene	13.106	91	918158	51.524	ug/l	91
83) tert-Butylbenzene	13.326	119	925611	50.826	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	1080157	51.623	ug/l	92
85) sec-Butylbenzene	13.503	105	1295936	51.418	ug/l	96
86) p-Isopropyltoluene	13.618	119	1080535	53.127	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	579681	53.570	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	568697	51.331	ug/l	95
89) n-Butylbenzene	13.943	91	882814	50.605	ug/l	98
90) Hexachloroethane	14.214	117	181068	53.603	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	543072	51.992	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	65526	49.325	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	231860	43.007	ug/l	98
94) Hexachlorobutadiene	15.372	225	109145	49.727	ug/l	98
95) Naphthalene	15.509	128	665781	42.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	218829	42.379	ug/l	98

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

