

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068257.D
 Acq On : 20 Aug 2021 20:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Aug 21 00:00:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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8/24/2021 6:17:28 PM

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	598342	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	900264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	881735	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	454216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	283618	44.394	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.780%		
35) Dibromofluoromethane	8.021	113	259801	45.965	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.940%		
50) Toluene-d8	10.443	98	1025634	47.623	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.734	95	353050	49.244	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	223757	47.195	ug/l	99
3) Chloromethane	2.301	50	237452	44.330	ug/l	97
4) Vinyl Chloride	2.443	62	389011	46.349	ug/l	95
5) Bromomethane	2.834	94	336495	50.860	ug/l	95
6) Chloroethane	3.006	64	286827	57.394	ug/l	99
7) Trichlorofluoromethane	3.368	101	754560	45.731	ug/l	99
8) Diethyl Ether	3.821	74	252498	65.973	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.197	101	241505	47.871	ug/l #	84
10) Methyl Iodide	4.417	142	360360	50.235	ug/l	88
11) Tert butyl alcohol	5.396	59	201126	252.446	ug/l	100
12) 1,1-Dichloroethene	4.170	96	224804	46.345	ug/l #	76
13) Acrolein	4.036	56	148069	283.696	ug/l	98
14) Allyl chloride	4.832	41	291451	47.006	ug/l #	93
15) Acrylonitrile	5.557	53	577633	257.340	ug/l	99
16) Acetone	4.288	43	445412	238.789	ug/l #	88
17) Carbon Disulfide	4.521	76	581900	46.405	ug/l	99
18) Methyl Acetate	4.857	43	266743	56.463	ug/l #	86
19) Methyl tert-butyl Ether	5.618	73	806093	51.546	ug/l	98
20) Methylene Chloride	5.093	84	278350	54.116	ug/l #	79
21) trans-1,2-Dichloroethene	5.591	96	263213	48.469	ug/l #	76
22) Diisopropyl ether	6.501	45	697809	51.519	ug/l #	93
23) Vinyl Acetate	6.436	43	2755199	261.326	ug/l #	87
24) 1,1-Dichloroethane	6.388	63	437907	48.389	ug/l	96
25) 2-Butanone	7.340	43	742488	255.421	ug/l #	83
26) 2,2-Dichloropropane	7.327	77	331189	42.712	ug/l	88
27) cis-1,2-Dichloroethene	7.327	96	317261	48.792	ug/l	74
28) Bromochloromethane	7.659	49	173727	43.656	ug/l #	42
29) Tetrahydrofuran	7.689	42	489527	263.317	ug/l #	78
30) Chloroform	7.817	83	532692	49.413	ug/l	100
31) Cyclohexane	8.094	56	389939	46.340	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	498013	51.801	ug/l	94
36) 1,1-Dichloropropene	8.222	75	370725	50.375	ug/l	91
37) Ethyl Acetate	7.418	43	307478	49.043	ug/l #	93
38) Carbon Tetrachloride	8.206	117	449167	52.918	ug/l	96
39) Methylcyclohexane	9.462	83	463595	55.777	ug/l #	85
40) Benzene	8.461	78	1162111	51.737	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	154380	53.933	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	387786	50.683	ug/l	91
43) Isopropyl Acetate	8.563	43	540978	53.867	ug/l #	88
44) Trichloroethene	9.217	130	345093	51.089	ug/l	73
45) 1,2-Dichloropropane	9.491	63	275124	52.074	ug/l	98
46) Dibromomethane	9.580	93	225905	52.416	ug/l #	75
47) Bromodichloromethane	9.765	83	427318	53.355	ug/l #	99
48) Methyl methacrylate	9.563	41	233810	55.867	ug/l #	79
49) 1,4-Dioxane	9.571	88	109412	1081.604	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1721280	279.018	ug/l	88
52) Toluene	10.508	92	830917	54.263	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	436354	55.470	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	454553	53.333	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	327873	53.580	ug/l	93
56) Ethyl methacrylate	10.762	69	447320	56.923	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	502439	53.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	383966	229.866	ug/l #	82
59) 2-Hexanone	11.087	43	1233528	287.967	ug/l	86
60) Dibromochloromethane	11.240	129	400568	58.023	ug/l	99
61) 1,2-Dibromoethane	11.347	107	359328	56.620	ug/l	100
64) Tetrachloroethene	10.980	164	349382	51.244	ug/l #	87
65) Chlorobenzene	11.773	112	939021	52.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	383418	56.303	ug/l	98
67) Ethyl Benzene	11.848	91	1594402	53.541	ug/l	91
68) m/p-Xylenes	11.956	106	1310683	110.026	ug/l	77
69) o-Xylene	12.283	106	642976	55.862	ug/l	79
70) Styrene	12.296	104	1055033	57.266	ug/l #	89
71) Bromoform	12.460	173	340147	62.282	ug/l #	100
73) Isopropylbenzene	12.581	105	1644540	50.908	ug/l	94
74) N-amyl acetate	12.390	43	436320	51.870	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	472246	48.744	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	363711m	48.177	ug/l	
77) Bromobenzene	12.865	156	472946	53.141	ug/l	51
78) n-propylbenzene	12.924	91	1775604	51.240	ug/l	89
79) 2-Chlorotoluene	13.010	91	1060943	49.506	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1376122	52.658	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	120627	52.347	ug/l	86
82) 4-Chlorotoluene	13.106	91	1035677	49.789	ug/l	82
83) tert-Butylbenzene	13.326	119	1256420	54.141	ug/l	81
84) 1,2,4-Trimethylbenzene	13.372	105	1363891	53.462	ug/l	90
85) sec-Butylbenzene	13.503	105	1679254	54.956	ug/l	91
86) p-Isopropyltoluene	13.619	119	1423604	56.443	ug/l	89
87) 1,3-Dichlorobenzene	13.619	146	796000	52.452	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	771515	50.183	ug/l	91
89) n-Butylbenzene	13.946	91	1017698	54.090	ug/l	95
90) Hexachloroethane	14.211	117	259744	55.503	ug/l	64
91) 1,2-Dichlorobenzene	13.991	146	753764	52.169	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.606	75	74417	50.712	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.265	180	372724	49.233	ug/l	97
94) Hexachlorobutadiene	15.373	225	216699	55.378	ug/l	98
95) Naphthalene	15.507	128	859344	48.318	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	358704	49.871	ug/l	97

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

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