

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068277.D
 Acq On : 23 Aug 2021 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:22:58 AM

Quant Time: Aug 24 03:55:54 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	676598	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	992103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	966185	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	496650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	340727	47.165	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.320%		
35) Dibromofluoromethane	8.024	113	323773	51.981	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.960%		
50) Toluene-d8	10.443	98	1243816	52.408	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.820%		
62) 4-Bromofluorobenzene	12.734	95	429363	54.344	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	236148	44.048	ug/l	98
3) Chloromethane	2.301	50	250578	41.370	ug/l	99
4) Vinyl Chloride	2.443	62	404930	42.665	ug/l	97
5) Bromomethane	2.837	94	344480	45.733	ug/l	98
6) Chloroethane	3.009	64	293544	51.505	ug/l	98
7) Trichlorofluoromethane	3.368	101	798840	42.815	ug/l	99
8) Diethyl Ether	3.816	74	213951	49.436	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.200	101	257651	45.165	ug/l #	84
10) Methyl Iodide	4.414	142	386163	47.606	ug/l #	88
11) Tert butyl alcohol	5.390	59	223193	247.742	ug/l #	85
12) 1,1-Dichloroethene	4.170	96	238986	43.570	ug/l #	75
13) Acrolein	4.041	56	84534	138.273	ug/l	100
14) Allyl chloride	4.835	41	319936	45.632	ug/l #	94
15) Acrylonitrile	5.557	53	615843	242.630	ug/l	99
16) Acetone	4.291	43	473941	224.696	ug/l #	87
17) Carbon Disulfide	4.521	76	612836	43.220	ug/l	99
18) Methyl Acetate	4.857	43	277445	51.658	ug/l #	84
19) Methyl tert-butyl Ether	5.621	73	863467	48.829	ug/l	97
20) Methylene Chloride	5.093	84	301676	51.775	ug/l #	82
21) trans-1,2-Dichloroethene	5.594	96	278044	45.278	ug/l #	79
22) Diisopropyl ether	6.501	45	751604	49.073	ug/l #	92
23) Vinyl Acetate	6.436	43	2952302	247.634	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	467806	45.714	ug/l	96
25) 2-Butanone	7.337	43	793913	241.523	ug/l #	84
26) 2,2-Dichloropropane	7.327	77	419113	47.799	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	342718	46.610	ug/l	74
28) Bromochloromethane	7.659	49	220260	48.948	ug/l #	39
29) Tetrahydrofuran	7.686	42	523288	248.921	ug/l #	78
30) Chloroform	7.817	83	566386	46.462	ug/l	98
31) Cyclohexane	8.094	56	415344	43.650	ug/l #	83
32) 1,1,1-Trichloroethane	8.016	97	526702	48.449	ug/l	93
36) 1,1-Dichloropropene	8.222	75	396838	48.931	ug/l	90
37) Ethyl Acetate	7.418	43	334138	48.362	ug/l	95
38) Carbon Tetrachloride	8.206	117	480069	51.323	ug/l	97
39) Methylcyclohexane	9.462	83	496282	54.182	ug/l #	84
40) Benzene	8.461	78	1227538	49.591	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	156902	49.740	ug/l #	82
42) 1,2-Dichloroethane	8.534	62	413265	49.013	ug/l	92
43) Isopropyl Acetate	8.563	43	579189	52.333	ug/l #	90
44) Trichloroethene	9.217	130	368559	49.512	ug/l	76
45) 1,2-Dichloropropane	9.491	63	291467	50.060	ug/l	99
46) Dibromomethane	9.580	93	236400	49.774	ug/l #	73
47) Bromodichloromethane	9.765	83	454113	51.452	ug/l #	95
48) Methyl methacrylate	9.563	41	241461	52.355	ug/l #	76
49) 1,4-Dioxane	9.572	88	116236	1042.695	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1819222	267.596	ug/l	89
52) Toluene	10.508	92	877695	52.012	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	473718	54.645	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	492598	52.446	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	345297	51.204	ug/l	94
56) Ethyl methacrylate	10.762	69	477555	55.145	ug/l #	79
57) 1,3-Dichloropropane	11.047	76	523051	50.359	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	434262	235.421	ug/l #	81
59) 2-Hexanone	11.087	43	1288269	272.906	ug/l	85
60) Dibromochloromethane	11.240	129	417501	54.878	ug/l	99
61) 1,2-Dibromoethane	11.347	107	371569	53.129	ug/l	99
64) Tetrachloroethene	10.980	164	372100	49.806	ug/l	87
65) Chlorobenzene	11.773	112	992795	50.186	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	404252	54.173	ug/l	98
67) Ethyl Benzene	11.848	91	1679914	51.482	ug/l	91
68) m/p-Xylenes	11.956	106	1370723	105.009	ug/l	78
69) o-Xylene	12.283	106	672248	53.300	ug/l	79
70) Styrene	12.296	104	1096796	54.329	ug/l #	89
71) Bromoform	12.460	173	352686	58.933	ug/l #	98
73) Isopropylbenzene	12.581	105	1731255	49.014	ug/l	94
74) N-amyl acetate	12.390	43	449923	48.917	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	489545	46.213	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	352681m	42.724	ug/l	
77) Bromobenzene	12.862	156	492615	50.622	ug/l	51
78) n-propylbenzene	12.921	91	1854057	48.932	ug/l	89
79) 2-Chlorotoluene	13.010	91	1107639	47.269	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1432262	50.123	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	132985	52.779	ug/l	85
82) 4-Chlorotoluene	13.106	91	1089011	47.880	ug/l	83
83) tert-Butylbenzene	13.326	119	1306841	51.503	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1408082	50.478	ug/l	89
85) sec-Butylbenzene	13.503	105	1748128	52.322	ug/l	91
86) p-Isopropyltoluene	13.619	119	1494022	54.174	ug/l	89
87) 1,3-Dichlorobenzene	13.619	146	844432	50.890	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	821355	48.860	ug/l	92
89) n-Butylbenzene	13.946	91	1089129	52.940	ug/l	95
90) Hexachloroethane	14.214	117	268004	52.375	ug/l	63
91) 1,2-Dichlorobenzene	13.991	146	803158	50.838	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	80325	50.061	ug/l #	27
93) 1,2,4-Trichlorobenzene	15.265	180	409859	49.498	ug/l	97
94) Hexachlorobutadiene	15.373	225	239054	55.871	ug/l	99
95) Naphthalene	15.507	128	945342	48.592	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	392571	49.913	ug/l	97

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

