

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067829.D
 Acq On : 21 Jul 2021 10:59
 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
 7/22/2021 6:03:09 PM

Quant Time: Jul 21 15:08:12 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	8.086	168	395996	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	700675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	688543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	349323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	289045	48.297	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.600%
35) Dibromofluoromethane	8.021	113	219073	51.750	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.500%
50) Toluene-d8	10.443	98	889315	50.188	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.733	95	336471	53.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	176476	52.431	ug/l	98
3) Chloromethane	2.301	50	217543	40.807	ug/l	97
4) Vinyl Chloride	2.443	62	350778	43.598	ug/l	99
5) Bromomethane	2.832	94	273780	50.053	ug/l	96
6) Chloroethane	3.003	64	271317	49.878	ug/l	100
7) Trichlorofluoromethane	3.365	101	649419	53.306	ug/l	99
8) Diethyl Ether	3.816	74	130962	40.889	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	195314	53.219	ug/l	95
10) Methyl Iodide	4.414	142	235167	53.791	ug/l	92
11) Tert butyl alcohol	5.388	59	214662	249.606	ug/l	99
12) 1,1-Dichloroethene	4.173	96	180696	51.318	ug/l	87
13) Acrolein	4.036	56	132018	315.990	ug/l	98
14) Allyl chloride	4.832	41	319293	49.330	ug/l	97
15) Acrylonitrile	5.557	53	581366	272.550	ug/l	100
16) Acetone	4.288	43	528365	280.576	ug/l	95
17) Carbon Disulfide	4.521	76	459194	47.080	ug/l	99
18) Methyl Acetate	4.859	43	281761	53.270	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	762798	52.278	ug/l	99
20) Methylene Chloride	5.090	84	234762	53.450	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	213202	51.214	ug/l	90
22) Diisopropyl ether	6.501	45	756054	51.476	ug/l	96
23) Vinyl Acetate	6.436	43	3255197	259.234	ug/l	95
24) 1,1-Dichloroethane	6.385	63	410189	50.097	ug/l	99
25) 2-Butanone	7.340	43	831036	265.759	ug/l	92
26) 2,2-Dichloropropane	7.327	77	368977	51.565	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	263780	50.633	ug/l	87
28) Bromochloromethane	7.659	49	193387	48.402	ug/l	# 79
29) Tetrahydrofuran	7.689	42	538036	261.641	ug/l	92
30) Chloroform	7.820	83	461293	50.156	ug/l	99
31) Cyclohexane	8.094	56	362502	43.199	ug/l	95
32) 1,1,1-Trichloroethane	8.013	97	402515	50.472	ug/l	98
36) 1,1-Dichloropropene	8.222	75	332326	51.060	ug/l	96
37) Ethyl Acetate	7.415	43	338777	53.720	ug/l	98
38) Carbon Tetrachloride	8.206	117	342059	53.280	ug/l	96
39) Methylcyclohexane	9.461	83	365208	51.256	ug/l	92
40) Benzene	8.461	78	995648	51.105	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	164760	50.834	ug/l	91
42) 1,2-Dichloroethane	8.531	62	380013	52.524	ug/l	97
43) Isopropyl Acetate	8.563	43	590585	53.239	ug/l	97
44) Trichloroethene	9.217	130	255390	51.653	ug/l	86
45) 1,2-Dichloropropane	9.494	63	256275	51.955	ug/l	100
46) Dibromomethane	9.579	93	188829	53.952	ug/l	95
47) Bromodichloromethane	9.765	83	368053	53.791	ug/l	99
48) Methyl methacrylate	9.563	41	257903	52.565	ug/l	90
49) 1,4-Dioxane	9.571	88	93301	957.236	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1893135	277.789	ug/l	95
52) Toluene	10.507	92	684847	53.663	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	410292	50.310	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	419002	55.064	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	272847	55.788	ug/l	96
56) Ethyl methacrylate	10.765	69	434060	57.608	ug/l	91
57) 1,3-Dichloropropane	11.047	76	447138	53.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	483632	241.330	ug/l	93
59) 2-Hexanone	11.087	43	1392016	292.626	ug/l	94
60) Dibromochloromethane	11.242	129	287490	47.994	ug/l	99
61) 1,2-Dibromoethane	11.350	107	284422	56.962	ug/l	99
64) Tetrachloroethene	10.979	164	241137	49.613	ug/l	95
65) Chlorobenzene	11.773	112	747901	52.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	279446	56.178	ug/l	100
67) Ethyl Benzene	11.848	91	1365246	53.031	ug/l	96
68) m/p-Xylenes	11.956	106	1052591	108.102	ug/l	88
69) o-Xylene	12.283	106	522136	54.541	ug/l	87
70) Styrene	12.296	104	892096	58.254	ug/l	93
71) Bromoform	12.460	173	207809	47.281	ug/l #	99
73) Isopropylbenzene	12.581	105	1362350	48.336	ug/l	97
74) N-amyl acetate	12.390	43	534768	52.300	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	415433	50.787	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	352253m	49.378	ug/l	
77) Bromobenzene	12.862	156	318574	51.069	ug/l	75
78) n-propylbenzene	12.924	91	1586668	49.774	ug/l	95
79) 2-Chlorotoluene	13.010	91	948752	49.263	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1147121	50.230	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	122300	55.273	ug/l	94
82) 4-Chlorotoluene	13.109	91	970424	50.921	ug/l	91
83) tert-Butylbenzene	13.326	119	955284	49.049	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1164622	52.045	ug/l	92
85) sec-Butylbenzene	13.503	105	1367229	50.724	ug/l	96
86) p-Isopropyltoluene	13.619	119	1160402	53.349	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	618230	53.422	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	606845	51.217	ug/l	95
89) n-Butylbenzene	13.946	91	970178	52.002	ug/l	98
90) Hexachloroethane	14.214	117	191752	53.080	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	576259	51.586	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	73010	51.390	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	259040	44.808	ug/l	99
94) Hexachlorobutadiene	15.373	225	122067	52.003	ug/l	99
95) Naphthalene	15.509	128	766672	45.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	243020	43.907	ug/l	99

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

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