

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067335.D
 Acq On : 14 Jun 2021 21:15
 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

MMDadoda
 6/15/2021 5:16:24 PM

Quant Time: Jun 15 05:23:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	337915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	647086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	604473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	258946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	333681	50.056	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.120%			
35) Dibromofluoromethane	8.024	113	215883	50.163	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.320%			
50) Toluene-d8	10.446	98	832883	50.493	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.734	95	339486	49.871	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	272827	49.387	ug/l	100
3) Chloromethane	2.298	50	273419	53.299	ug/l	100
4) Vinyl Chloride	2.440	62	274075	54.495	ug/l	97
5) Bromomethane	2.832	94	128416	60.184	ug/l	99
6) Chloroethane	3.003	64	163047	52.774	ug/l	99
7) Trichlorofluoromethane	3.365	101	365387	52.342	ug/l	96
8) Diethyl Ether	3.819	74	149280	52.571	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.197	101	223349	53.193	ug/l	99
10) Methyl Iodide	4.414	142	226955	52.304	ug/l	99
11) Tert butyl alcohol	5.390	59	286706	261.263	ug/l	99
12) 1,1-Dichloroethene	4.170	96	214449	52.915	ug/l	100
13) Acrolein	4.039	56	170614	249.075	ug/l	99
14) Allyl chloride	4.832	41	459147	51.061	ug/l	100
15) Acrylonitrile	5.557	53	673566	279.648	ug/l	100
16) Acetone	4.291	43	599902	234.508	ug/l	98
17) Carbon Disulfide	4.519	76	664443	50.760	ug/l	99
18) Methyl Acetate	4.857	43	319872	51.568	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	904436	55.596	ug/l	99
20) Methylene Chloride	5.093	84	256472	48.185	ug/l	98
21) trans-1,2-Dichloroethene	5.591	96	231616	51.571	ug/l	95
22) Diisopropyl ether	6.501	45	922163	55.557	ug/l	98
23) Vinyl Acetate	6.434	43	4078940	268.187	ug/l	100
24) 1,1-Dichloroethane	6.385	63	496300	53.301	ug/l	99
25) 2-Butanone	7.340	43	971758	265.840	ug/l	100
26) 2,2-Dichloropropane	7.327	77	434527	46.042	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	274032	51.854	ug/l	99
28) Bromochloromethane	7.657	49	221695	51.160	ug/l	100
29) Tetrahydrofuran	7.691	42	633566	274.905	ug/l	99
30) Chloroform	7.820	83	507645	51.928	ug/l	98
31) Cyclohexane	8.094	56	449719	49.626	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	479185	53.365	ug/l	100
36) 1,1-Dichloropropene	8.222	75	373335	51.464	ug/l	99
37) Ethyl Acetate	7.415	43	401825	52.282	ug/l	99
38) Carbon Tetrachloride	8.206	117	395921	50.776	ug/l	99
39) Methylcyclohexane	9.462	83	409886	53.386	ug/l	99
40) Benzene	8.461	78	1063578	52.528	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	210585	52.707	ug/l	98
42) 1,2-Dichloroethane	8.534	62	447275	52.278	ug/l	99
43) Isopropyl Acetate	8.566	43	726421	52.659	ug/l	100
44) Trichloroethene	9.217	130	245172	51.780	ug/l	100
45) 1,2-Dichloropropane	9.491	63	281710	52.166	ug/l	100
46) Dibromomethane	9.580	93	195442	53.195	ug/l	100
47) Bromodichloromethane	9.765	83	427032	51.815	ug/l	100
48) Methyl methacrylate	9.563	41	324032	51.515	ug/l	98
49) 1,4-Dioxane	9.574	88	93188	1082.456	ug/l	98
51) 4-Methyl-2-Pentanone	10.336	43	2124608	267.506	ug/l	100
52) Toluene	10.507	92	666344	52.335	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	466542	51.120	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	479186	51.952	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	257262	52.260	ug/l	98
56) Ethyl methacrylate	10.765	69	467472	52.820	ug/l	99
57) 1,3-Dichloropropane	11.049	76	468143	52.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	606851	235.617	ug/l	100
59) 2-Hexanone	11.089	43	1539700	264.610	ug/l	100
60) Dibromochloromethane	11.240	129	280509	52.115	ug/l	98
61) 1,2-Dibromoethane	11.350	107	269649	52.321	ug/l	98
64) Tetrachloroethene	10.980	164	221572	51.625	ug/l	99
65) Chlorobenzene	11.773	112	674702	51.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	255647	52.191	ug/l	99
67) Ethyl Benzene	11.848	91	1335260	51.333	ug/l	99
68) m/p-Xylenes	11.958	106	951637	102.917	ug/l	99
69) o-Xylene	12.283	106	467818	51.725	ug/l	100
70) Styrene	12.299	104	794088	52.822	ug/l	100
71) Bromoform	12.463	173	195399	52.207	ug/l #	99
73) Isopropylbenzene	12.583	105	1248366	50.242	ug/l	100
74) N-amyl acetate	12.390	43	616438	50.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	376073	50.768	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	335795m	49.937	ug/l	
77) Bromobenzene	12.865	156	255492	50.493	ug/l	99
78) n-propylbenzene	12.924	91	1494784	50.580	ug/l	99
79) 2-Chlorotoluene	13.012	91	927574	50.407	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	1061324	50.706	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	127730	47.076	ug/l	99
82) 4-Chlorotoluene	13.109	91	927272	50.609	ug/l	98
83) tert-Butylbenzene	13.329	119	847498	50.850	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	1047050	50.633	ug/l	100
85) sec-Butylbenzene	13.506	105	1217636	51.602	ug/l	100
86) p-Isopropyltoluene	13.621	119	960605	50.440	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	467365	51.205	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	466032	50.762	ug/l	99
89) n-Butylbenzene	13.946	91	904369	50.539	ug/l	100
90) Hexachloroethane	14.214	117	197043	52.907	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	456244	52.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	90864	49.067	ug/l	100
93) 1,2,4-Trichlorobenzene	15.268	180	236904	52.394	ug/l	99
94) Hexachlorobutadiene	15.375	225	127583	49.135	ug/l	99
95) Naphthalene	15.509	128	734221	46.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	225296	51.902	ug/l	100

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

