

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060721\
 Data File : VN067253.D
 Acq On : 7 Jun 2021 14:30
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:56:44 PM

Quant Time: Jun 07 15:05:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 15:02:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	116809	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	225135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	254556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	177647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	86818	53.716	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.440%			
35) Dibromofluoromethane	8.024	113	65914	47.499	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.000%			
50) Toluene-d8	10.446	98	322136	55.461	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.920%			
62) 4-Bromofluorobenzene	12.734	95	151242	65.171	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 130.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	54933	42.088	ug/l	97
3) Chloromethane	2.303	50	88951	53.117	ug/l	100
4) Vinyl Chloride	2.446	62	204297	83.659	ug/l	100
5) Bromomethane	2.834	94	170277	89.622	ug/l	100
6) Chloroethane	3.009	64	165325	93.468	ug/l	95
7) Trichlorofluoromethane	3.368	101	427836	138.959	ug/l	98
8) Diethyl Ether	3.811	74	63130	74.368	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.202	101	48896	43.956	ug/l	87
10) Methyl Iodide	4.417	142	63789	45.139	ug/l	92
11) Tert butyl alcohol	5.398	59	63599	243.093	ug/l #	81
12) 1,1-Dichloroethene	4.175	96	49596	44.579	ug/l	92
13) Acrolein	4.044	56	38167	334.125	ug/l	94
14) Allyl chloride	4.835	41	95035	46.867	ug/l #	86
15) Acrylonitrile	5.562	53	151405	260.245	ug/l	99
16) Acetone	4.293	43	120426	218.692	ug/l	95
17) Carbon Disulfide	4.524	76	146706	45.231	ug/l	99
18) Methyl Acetate	4.859	43	81510	51.652	ug/l	94
19) Methyl tert-butyl Ether	5.624	73	196038	49.449	ug/l	99
20) Methylene Chloride	5.098	84	63898	46.136	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	62269	48.086	ug/l	92
22) Diisopropyl ether	6.503	45	210745	53.363	ug/l	91
23) Vinyl Acetate	6.439	43	1041361	269.903	ug/l	95
24) 1,1-Dichloroethane	6.388	63	125105	52.309	ug/l	99
25) 2-Butanone	7.343	43	247022	273.707	ug/l	95
26) 2,2-Dichloropropane	7.329	77	119774	52.076	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	81002	53.210	ug/l	96
28) Bromochloromethane	7.662	49	63020	53.099	ug/l #	76
29) Tetrahydrofuran	7.691	42	154650	288.446	ug/l	92
30) Chloroform	7.820	83	139296	54.050	ug/l	100
31) Cyclohexane	8.094	56	106733	49.616	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	130707	54.149	ug/l	96
36) 1,1-Dichloropropene	8.225	75	106706	51.208	ug/l	97
37) Ethyl Acetate	7.421	43	101410	50.411	ug/l	95
38) Carbon Tetrachloride	8.209	117	110030	49.058	ug/l	96
39) Methylcyclohexane	9.462	83	123768	52.485	ug/l	99
40) Benzene	8.461	78	333787	51.624	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	53865	51.632	ug/l #	85
42) 1,2-Dichloroethane	8.534	62	114866	51.917	ug/l	96
43) Isopropyl Acetate	8.566	43	203470	52.957	ug/l	93
44) Trichloroethene	9.218	130	82219	50.705	ug/l	88
45) 1,2-Dichloropropane	9.494	63	84164	52.218	ug/l	97
46) Dibromomethane	9.577	93	60244	52.691	ug/l #	83
47) Bromodichloromethane	9.765	83	121327	52.365	ug/l	97
48) Methyl methacrylate	9.564	41	86067	51.544	ug/l #	84
49) 1,4-Dioxane	9.574	88	27682	1061.690	ug/l	96
51) 4-Methyl-2-Pentanone	10.336	43	663918	288.757	ug/l	92
52) Toluene	10.508	92	264641	60.214	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	156594	56.579	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	145489	52.648	ug/l #	86
55) 1,1,2-Trichloroethane	10.902	97	93586	56.760	ug/l	97
56) Ethyl methacrylate	10.765	69	153440	57.060	ug/l #	83
57) 1,3-Dichloropropane	11.049	76	153061	56.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	163313	286.102	ug/l	96
59) 2-Hexanone	11.090	43	505298	300.284	ug/l	89
60) Dibromochloromethane	11.242	129	113563	58.217	ug/l	100
61) 1,2-Dibromoethane	11.350	107	100547	57.858	ug/l	100
64) Tetrachloroethene	10.982	164	87539	50.729	ug/l	97
65) Chlorobenzene	11.773	112	292898	53.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	113952	54.472	ug/l	99
67) Ethyl Benzene	11.849	91	559463	55.084	ug/l	99
68) m/p-Xylenes	11.959	106	499933	122.427	ug/l	99
69) o-Xylene	12.283	106	241418	60.638	ug/l	97
70) Styrene	12.296	104	426864	62.317	ug/l	98
71) Bromoform	12.463	173	107190	60.869	ug/l #	97
73) Isopropylbenzene	12.583	105	659696	48.738	ug/l	100
74) N-amyl acetate	12.390	43	244579	45.516	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	173371	45.722	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	168477m	50.598	ug/l	
77) Bromobenzene	12.862	156	146885	47.980	ug/l	88
78) n-propylbenzene	12.924	91	764498	48.620	ug/l	97
79) 2-Chlorotoluene	13.106	91	494114	51.431	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	605995	51.279	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	66732	47.942	ug/l	94
82) 4-Chlorotoluene	13.010	91	455608	49.702	ug/l	99
83) tert-Butylbenzene	13.329	119	503559	50.197	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	610275	51.925	ug/l	98
85) sec-Butylbenzene	13.503	105	737624	52.448	ug/l	97
86) p-Isopropyltoluene	13.619	119	636413	51.320	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	309201	52.408	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	311169	52.122	ug/l	97
89) n-Butylbenzene	13.946	91	536877	48.592	ug/l	96
90) Hexachloroethane	14.211	117	99598	47.439	ug/l	78
91) 1,2-Dichlorobenzene	13.991	146	301025	51.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	35489	45.958	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	118108	45.921	ug/l	98
94) Hexachlorobutadiene	15.373	225	53244	37.370	ug/l	98
95) Naphthalene	15.507	128	337545	52.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	107157	47.196	ug/l	98

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

