

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074173.D
 Acq On : 30 Aug 2022 14:02
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 31 05:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 05:27:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	225820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	399882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	365675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	168583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	175540	50.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	7.951	113	136957	52.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.260%			
50) Toluene-d8	10.380	98	519107	50.657	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	12.669	95	173840	55.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	119214	47.856	ug/l	98
3) Chloromethane	2.269	50	164708	49.424	ug/l	97
4) Vinyl Chloride	2.404	62	170391	51.593	ug/l	100
5) Bromomethane	2.781	94	86350	48.294	ug/l	100
6) Chloroethane	2.951	64	111030	40.807	ug/l	99
7) Trichlorofluoromethane	3.310	101	269945	52.836	ug/l	95
8) Diethyl Ether	3.757	74	96524	46.524	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	126739	44.019	ug/l	92
10) Methyl Iodide	4.346	142	130852	56.782	ug/l	95
11) Tert butyl alcohol	5.287	59	208158	243.006	ug/l	99
12) 1,1-Dichloroethene	4.110	96	125167	46.579	ug/l	94
13) Acrolein	3.975	56	199395	257.493	ug/l	98
14) Allyl chloride	4.757	41	290909	47.224	ug/l #	92
15) Acrylonitrile	5.469	53	614081	244.784	ug/l	100
16) Acetone	4.222	43	549647	233.623	ug/l	96
17) Carbon Disulfide	4.451	76	357666	47.251	ug/l	99
18) Methyl Acetate	4.775	43	305313	43.062	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	464922	46.571	ug/l	98
20) Methylene Chloride	5.010	84	163004	45.806	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	143167	47.613	ug/l	95
22) Diisopropyl ether	6.416	45	576355	49.094	ug/l #	94
23) Vinyl Acetate	6.351	43	2568417	255.659	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	283808	46.766	ug/l	99
25) 2-Butanone	7.257	43	918084	236.153	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	177682	43.224	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	164598	50.377	ug/l	94
28) Bromochloromethane	7.586	49	106076	45.592	ug/l #	72
29) Tetrahydrofuran	7.610	42	611520	252.131	ug/l #	85
30) Chloroform	7.745	83	281208	45.504	ug/l	98
31) Cyclohexane	8.022	56	269498	46.562	ug/l	85
32) 1,1,1-Trichloroethane	7.945	97	229701	48.990	ug/l	97
36) 1,1-Dichloropropene	8.157	75	206058	47.617	ug/l	97
37) Ethyl Acetate	7.334	43	347574	49.615	ug/l #	93
38) Carbon Tetrachloride	8.133	117	193411	48.179	ug/l	97
39) Methylcyclohexane	9.392	83	250697	52.390	ug/l	96
40) Benzene	8.392	78	649146	49.625	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	164783	50.032	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	220957	46.085	ug/l	99
43) Isopropyl Acetate	8.492	43	477518	50.807	ug/l #	91
44) Trichloroethene	9.151	130	146543	50.551	ug/l	92
45) 1,2-Dichloropropane	9.428	63	165231	45.675	ug/l	97
46) Dibromomethane	9.516	93	114178	49.508	ug/l	90
47) Bromodichloromethane	9.704	83	214596	46.739	ug/l	99
48) Methyl methacrylate	9.498	41	213284	49.339	ug/l	88
49) 1,4-Dioxane	9.504	88	99091	1019.215	ug/l #	91
51) 4-Methyl-2-Pentanone	10.275	43	1715567	255.461	ug/l	90
52) Toluene	10.445	92	389279	50.708	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	222235	51.402	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	248865	49.394	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	156015	46.563	ug/l	96
56) Ethyl methacrylate	10.704	69	268231	53.438	ug/l #	79
57) 1,3-Dichloropropane	10.986	76	282819	48.064	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	669518	262.463	ug/l	92
59) 2-Hexanone	11.027	43	1353679	260.120	ug/l	88
60) Dibromochloromethane	11.180	129	162220	51.208	ug/l	97
61) 1,2-Dibromoethane	11.286	107	163647	50.470	ug/l	99
64) Tetrachloroethene	10.916	164	125480	47.865	ug/l	96
65) Chlorobenzene	11.710	112	399072	48.102	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	147437	48.576	ug/l	96
67) Ethyl Benzene	11.786	91	750876	51.752	ug/l	98
68) m/p-Xylenes	11.892	106	567456	106.855	ug/l	97
69) o-Xylene	12.221	106	274877	50.689	ug/l	95
70) Styrene	12.233	104	465222	53.865	ug/l	99
71) Bromoform	12.398	173	122324	51.367	ug/l #	97
73) Isopropylbenzene	12.516	105	721355	50.737	ug/l	99
74) N-amyl acetate	12.327	43	407533	52.049	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.769	83	273054	45.315	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	187646m	30.014	ug/l	
77) Bromobenzene	12.798	156	163562	49.924	ug/l	85
78) n-propylbenzene	12.863	91	851715	51.547	ug/l	96
79) 2-Chlorotoluene	12.945	91	496833	49.059	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	607955	51.104	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	78878	48.566	ug/l	91
82) 4-Chlorotoluene	13.045	91	485312	49.301	ug/l	98
83) tert-Butylbenzene	13.263	119	519428	51.622	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	595031	52.995	ug/l	99
85) sec-Butylbenzene	13.439	105	751909	53.023	ug/l	98
86) p-Isopropyltoluene	13.557	119	601892	56.103	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	305524	49.512	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	297308	47.183	ug/l	99
89) n-Butylbenzene	13.880	91	526393	54.013	ug/l	97
90) Hexachloroethane	14.151	117	108217	50.130	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	308016	49.644	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	58929	46.087	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	171581	57.230	ug/l	99
94) Hexachlorobutadiene	15.298	225	75245	48.529	ug/l	99
95) Naphthalene	15.433	128	663569	60.349	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	176643	54.700	ug/l	98

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

