

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071848.D
 Acq On : 05 Apr 2022 11:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 06:38:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	478684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	739015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	687421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	291494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	259384	47.465	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.940%		
35) Dibromofluoromethane	8.016	113	223646	51.428	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.860%		
50) Toluene-d8	10.439	98	897495	50.451	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.900%		
62) 4-Bromofluorobenzene	12.727	95	306145	53.211	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	187693	49.321	ug/l	99
3) Chloromethane	2.299	50	219133	45.441	ug/l	96
4) Vinyl Chloride	2.446	62	247048	46.650	ug/l	100
5) Bromomethane	2.828	94	156806	45.549	ug/l	98
6) Chloroethane	3.005	64	165715	43.498	ug/l	97
7) Trichlorofluoromethane	3.369	101	337946	50.158	ug/l	100
8) Diethyl Ether	3.822	74	158373	55.620	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	219489	52.863	ug/l	99
10) Methyl Iodide	4.422	142	293715	50.606	ug/l	98
11) Tert butyl alcohol	5.363	59	235547	265.604	ug/l	99
12) 1,1-Dichloroethene	4.181	96	202855	51.342	ug/l	98
13) Acrolein	4.034	56	346679	320.607	ug/l	98
14) Allyl chloride	4.840	41	348144	54.288	ug/l	94
15) Acrylonitrile	5.546	53	746083	289.433	ug/l	98
16) Acetone	4.281	43	694802	297.505	ug/l	95
17) Carbon Disulfide	4.528	76	431833	47.635	ug/l	100
18) Methyl Acetate	4.846	43	311487	53.980	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	814174	55.467	ug/l	98
20) Methylene Chloride	5.093	84	257291	52.268	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	219622	50.634	ug/l	99
22) Diisopropyl ether	6.487	45	785111	56.236	ug/l	99
23) Vinyl Acetate	6.428	43	3245878	292.368	ug/l	99
24) 1,1-Dichloroethane	6.387	63	449708	54.870	ug/l	98
25) 2-Butanone	7.328	43	983682	292.170	ug/l	98
26) 2,2-Dichloropropane	7.322	77	371778	52.804	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	290202	54.561	ug/l	97
28) Bromochloromethane	7.651	49	179835	54.394	ug/l	100
29) Tetrahydrofuran	7.675	42	601084	275.720	ug/l	99
30) Chloroform	7.816	83	467372	54.006	ug/l	100
31) Cyclohexane	8.092	56	371425	49.978	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	387348	52.320	ug/l	99
36) 1,1-Dichloropropene	8.216	75	326381	53.745	ug/l	99
37) Ethyl Acetate	7.404	43	365049	54.920	ug/l	99
38) Carbon Tetrachloride	8.204	117	324211	54.474	ug/l	97
39) Methylcyclohexane	9.457	83	403572	55.828	ug/l	100
40) Benzene	8.457	78	1050392	54.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	181611m	55.802	ug/l	
42) 1,2-Dichloroethane	8.528	62	346482	52.212	ug/l	97
43) Isopropyl Acetate	8.557	43	568633	51.433	ug/l	98
44) Trichloroethene	9.210	130	266265	53.875	ug/l	97
45) 1,2-Dichloropropane	9.486	63	272257	56.810	ug/l	100
46) Dibromomethane	9.575	93	178691	54.916	ug/l	99
47) Bromodichloromethane	9.757	83	371467	57.995	ug/l	98
48) Methyl methacrylate	9.551	41	247147	53.882	ug/l	91
49) 1,4-Dioxane	9.563	88	120434	1108.251	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	1863559	293.177	ug/l	97
52) Toluene	10.498	92	686710	56.629	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	398797	59.407	ug/l	99
54) cis-1,3-Dichloropropene	10.181	75	440471	59.384	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	279380	55.979	ug/l	98
56) Ethyl methacrylate	10.757	69	441221	61.972	ug/l	95
57) 1,3-Dichloropropane	11.039	76	475266	56.956	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	487861	224.437	ug/l	99
59) 2-Hexanone	11.080	43	1372005	306.575	ug/l	96
60) Dibromochloromethane	11.233	129	297937	61.224	ug/l	99
61) 1,2-Dibromoethane	11.339	107	279612	56.916	ug/l	99
64) Tetrachloroethene	10.975	164	232341	51.184	ug/l	98
65) Chlorobenzene	11.763	112	749991	54.487	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	274756	55.317	ug/l	100
67) Ethyl Benzene	11.839	91	1327152	56.955	ug/l	99
68) m/p-Xylenes	11.945	106	1025697	114.564	ug/l	100
69) o-Xylene	12.275	106	512467	57.668	ug/l	98
70) Styrene	12.286	104	831137	61.729	ug/l	99
71) Bromoform	12.451	173	229433	60.658	ug/l #	100
73) Isopropylbenzene	12.574	105	1313735	53.483	ug/l	100
74) N-amyl acetate	12.380	43	404529	57.479	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	428431	52.275	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	309785m	45.876	ug/l	
77) Bromobenzene	12.857	156	317011	51.482	ug/l	99
78) n-propylbenzene	12.916	91	1454728	56.301	ug/l	100
79) 2-Chlorotoluene	13.004	91	892592	53.866	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1061076	54.521	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	123266	56.570	ug/l	97
82) 4-Chlorotoluene	13.098	91	839161	54.634	ug/l	100
83) tert-Butylbenzene	13.316	119	970103	54.530	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1036818	54.601	ug/l	100
85) sec-Butylbenzene	13.498	105	1318598	57.177	ug/l	100
86) p-Isopropyltoluene	13.610	119	1070820	58.234	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	532711	54.303	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	511158	53.409	ug/l	99
89) n-Butylbenzene	13.939	91	812924	59.606	ug/l	100
90) Hexachloroethane	14.204	117	197310	58.618	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	512504	53.215	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	70974	55.830	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	249222	53.567	ug/l	98
94) Hexachlorobutadiene	15.363	225	150982	53.155	ug/l	99
95) Naphthalene	15.498	128	740021	55.313	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	252423	55.872	ug/l	98

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

