

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071770.D
 Acq On : 01 Apr 2022 22:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 02 00:58:52 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	557421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	898912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	822809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	330281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	320978	50.440	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.880%			
35) Dibromofluoromethane	8.016	113	273301	51.668	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.340%			
50) Toluene-d8	10.439	98	1087884	50.275	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.560%			
62) 4-Bromofluorobenzene	12.727	95	358220	51.187	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	205817	46.444	ug/l	96
3) Chloromethane	2.299	50	249732	44.472	ug/l	98
4) Vinyl Chloride	2.440	62	280997	45.566	ug/l	98
5) Bromomethane	2.828	94	172638	43.065	ug/l	97
6) Chloroethane	3.004	64	183756	41.420	ug/l	97
7) Trichlorofluoromethane	3.369	101	366514	46.714	ug/l	95
8) Diethyl Ether	3.822	74	165794	50.001	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	226900	46.929	ug/l	98
10) Methyl Iodide	4.422	142	316669	46.854	ug/l	100
11) Tert butyl alcohol	5.363	59	273463	264.802	ug/l	100
12) 1,1-Dichloroethene	4.181	96	220266	47.874	ug/l	100
13) Acrolein	4.040	56	400644	318.177	ug/l	99
14) Allyl chloride	4.840	41	360569	48.283	ug/l	96
15) Acrylonitrile	5.551	53	819280	272.935	ug/l	99
16) Acetone	4.281	43	612402	225.183	ug/l	95
17) Carbon Disulfide	4.528	76	457371	43.326	ug/l	100
18) Methyl Acetate	4.845	43	349076	51.891	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	866483	50.693	ug/l	98
20) Methylene Chloride	5.092	84	277530	48.416	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	235558	46.637	ug/l	96
22) Diisopropyl ether	6.492	45	824804	50.734	ug/l	98
23) Vinyl Acetate	6.428	43	3466453	268.132	ug/l	100
24) 1,1-Dichloroethane	6.387	63	478729	50.161	ug/l	99
25) 2-Butanone	7.328	43	1024228	261.242	ug/l	99
26) 2,2-Dichloropropane	7.322	77	342142	41.731	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	303959	49.075	ug/l	97
28) Bromochloromethane	7.657	49	190995	49.610	ug/l	100
29) Tetrahydrofuran	7.681	42	675135	265.944	ug/l	99
30) Chloroform	7.816	83	494618	49.081	ug/l	100
31) Cyclohexane	8.092	56	384764	44.460	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	414699	48.102	ug/l	99
36) 1,1-Dichloropropene	8.222	75	338197	45.785	ug/l	99
37) Ethyl Acetate	7.410	43	410097	50.723	ug/l	99
38) Carbon Tetrachloride	8.204	117	343532	47.453	ug/l	98
39) Methylcyclohexane	9.457	83	405446	46.111	ug/l	99
40) Benzene	8.457	78	1108582	47.509	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	213728	53.989	ug/l	94
42) 1,2-Dichloroethane	8.528	62	382314	47.364	ug/l	99
43) Isopropyl Acetate	8.557	43	613492	45.620	ug/l	98
44) Trichloroethene	9.210	130	281874	46.888	ug/l	99
45) 1,2-Dichloropropane	9.486	63	283501	48.634	ug/l	99
46) Dibromomethane	9.575	93	189978	48.000	ug/l	100
47) Bromodichloromethane	9.757	83	390917	50.175	ug/l	96
48) Methyl methacrylate	9.557	41	296457	53.136	ug/l	97
49) 1,4-Dioxane	9.563	88	132809	1003.429	ug/l	95
51) 4-Methyl-2-Pentanone	10.327	43	2055700	265.878	ug/l	98
52) Toluene	10.504	92	727250	49.304	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	403300	49.391	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	446864	49.530	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	296854	48.900	ug/l	99
56) Ethyl methacrylate	10.757	69	467263	53.956	ug/l	94
57) 1,3-Dichloropropane	11.039	76	496620	48.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	637574	239.875	ug/l	99
59) 2-Hexanone	11.080	43	1481137	272.090	ug/l	97
60) Dibromochloromethane	11.233	129	304750	51.485	ug/l	100
61) 1,2-Dibromoethane	11.339	107	299389	50.102	ug/l	100
64) Tetrachloroethene	10.974	164	242522	44.636	ug/l	98
65) Chlorobenzene	11.769	112	774453	47.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	289734	48.735	ug/l	99
67) Ethyl Benzene	11.839	91	1378320	49.418	ug/l	100
68) m/p-Xylenes	11.951	106	1046491	97.654	ug/l	99
69) o-Xylene	12.274	106	530480	49.873	ug/l	99
70) Styrene	12.292	104	857286	53.194	ug/l	99
71) Bromoform	12.457	173	233385	51.550	ug/l #	100
73) Isopropylbenzene	12.574	105	1360619	48.887	ug/l	100
74) N-amyl acetate	12.380	43	432987	54.297	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	449509	48.406	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	392387m	51.284	ug/l	
77) Bromobenzene	12.857	156	322962	46.289	ug/l	99
78) n-propylbenzene	12.916	91	1462388	49.951	ug/l	100
79) 2-Chlorotoluene	13.004	91	904811	48.191	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1084058	49.160	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	122347	49.554	ug/l	98
82) 4-Chlorotoluene	13.098	91	832897	47.858	ug/l	99
83) tert-Butylbenzene	13.321	119	981368	48.685	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1053359	48.958	ug/l	99
85) sec-Butylbenzene	13.498	105	1303488	49.884	ug/l	100
86) p-Isopropyltoluene	13.610	119	1053771	50.577	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	530686	47.744	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	507356	46.786	ug/l	99
89) n-Butylbenzene	13.939	91	759560	49.153	ug/l	100
90) Hexachloroethane	14.210	117	191980	50.336	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	523004	47.928	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74920	52.013	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	232010	44.383	ug/l	100
94) Hexachlorobutadiene	15.368	225	139375	43.306	ug/l	97
95) Naphthalene	15.504	128	679327	45.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	235262	46.386	ug/l	99

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

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