

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072493.D
 Acq On : 13 May 2022 21:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 14 02:39:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	190621	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	301215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	297308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	144408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	144226	49.398	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.800%		
35) Dibromofluoromethane	8.016	113	101415	50.607	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.220%		
50) Toluene-d8	10.439	98	376082	49.276	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.560%		
62) 4-Bromofluorobenzene	12.728	95	143346	56.554	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	115835	48.724	ug/l	97
3) Chloromethane	2.299	50	100031	44.821	ug/l	98
4) Vinyl Chloride	2.440	62	84419	41.704	ug/l	99
5) Bromomethane	2.816	94	62387	51.765	ug/l	99
6) Chloroethane	2.993	64	55618	52.519	ug/l	97
7) Trichlorofluoromethane	3.363	101	193255	51.510	ug/l	96
8) Diethyl Ether	3.822	74	64858	47.919	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.205	101	97172	47.466	ug/l	98
10) Methyl Iodide	4.416	142	127758	47.077	ug/l	# 86
11) Tert butyl alcohol	5.369	59	132261	277.041	ug/l	99
12) 1,1-Dichloroethene	4.181	96	88563	46.170	ug/l	91
13) Acrolein	4.040	56	104264	223.220	ug/l	97
14) Allyl chloride	4.834	41	161037	45.090	ug/l	91
15) Acrylonitrile	5.546	53	311453	240.081	ug/l	99
16) Acetone	4.281	43	289953	250.762	ug/l	94
17) Carbon Disulfide	4.528	76	209093	42.030	ug/l	98
18) Methyl Acetate	4.852	43	161564	47.457	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	373534	53.885	ug/l	94
20) Methylene Chloride	5.093	84	106125	44.763	ug/l	94
21) trans-1,2-Dichloroethene	5.599	96	94244	46.960	ug/l	95
22) Diisopropyl ether	6.487	45	335237	46.193	ug/l	97
23) Vinyl Acetate	6.428	43	1461342	240.652	ug/l	96
24) 1,1-Dichloroethane	6.381	63	195112	47.643	ug/l	99
25) 2-Butanone	7.328	43	436567	239.226	ug/l	94
26) 2,2-Dichloropropane	7.322	77	157206	45.679	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	115565	47.899	ug/l	94
28) Bromochloromethane	7.651	49	78251	45.001	ug/l	94
29) Tetrahydrofuran	7.681	42	279389	235.567	ug/l	95
30) Chloroform	7.816	83	213390	51.217	ug/l	99
31) Cyclohexane	8.093	56	162369	41.969	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	204805	53.594	ug/l	98
36) 1,1-Dichloropropene	8.216	75	147610	51.284	ug/l	98
37) Ethyl Acetate	7.410	43	173998	50.385	ug/l	96
38) Carbon Tetrachloride	8.204	117	177254	55.025	ug/l	97
39) Methylcyclohexane	9.457	83	170811	52.804	ug/l	96
40) Benzene	8.457	78	423600	49.265	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	93087	54.439	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	186447	53.950	ug/l	96
43) Isopropyl Acetate	8.557	43	275410	51.922	ug/l	96
44) Trichloroethene	9.210	130	112771	51.665	ug/l	94
45) 1,2-Dichloropropane	9.487	63	107380	48.901	ug/l	96
46) Dibromomethane	9.575	93	79398	51.930	ug/l	96
47) Bromodichloromethane	9.757	83	167482	53.731	ug/l	98
48) Methyl methacrylate	9.557	41	139505	56.371	ug/l	90
49) 1,4-Dioxane	9.569	88	52990	1255.219	ug/l #	94
51) 4-Methyl-2-Pentanone	10.328	43	889162	269.958	ug/l	94
52) Toluene	10.504	92	278437	52.517	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	179626	56.614	ug/l	98
54) cis-1,3-Dichloropropene	10.187	75	182008	53.767	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	114791	51.972	ug/l	99
56) Ethyl methacrylate	10.757	69	187280	59.162	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	195277	51.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	238337	276.543	ug/l	98
59) 2-Hexanone	11.081	43	656731	284.362	ug/l	91
60) Dibromochloromethane	11.233	129	133894	57.067	ug/l	99
61) 1,2-Dibromoethane	11.339	107	122228	55.529	ug/l	100
64) Tetrachloroethene	10.975	164	102122	47.720	ug/l	95
65) Chlorobenzene	11.769	112	303131	49.904	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.833	131	125051	51.435	ug/l	95
67) Ethyl Benzene	11.839	91	570466	54.432	ug/l	99
68) m/p-Xylenes	11.951	106	430504	108.306	ug/l	93
69) o-Xylene	12.275	106	213450	54.655	ug/l	90
70) Styrene	12.292	104	344934	57.733	ug/l	95
71) Bromoform	12.451	173	99541	55.503	ug/l #	99
73) Isopropylbenzene	12.575	105	580471	48.522	ug/l	99
74) N-amyl acetate	12.380	43	205258	48.541	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	173751	40.006	ug/l #	98
76) 1,2,3-Trichloropropane	12.875	75	163182m	43.325	ug/l	
77) Bromobenzene	12.857	156	137241	47.950	ug/l	99
78) n-propylbenzene	12.916	91	637527	49.802	ug/l	99
79) 2-Chlorotoluene	13.004	91	393984	46.848	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	486363	49.640	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	50201	44.464	ug/l	88
82) 4-Chlorotoluene	13.098	91	375229	47.081	ug/l	98
83) tert-Butylbenzene	13.316	119	447393	52.160	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	488105	51.212	ug/l	96
85) sec-Butylbenzene	13.498	105	581505	50.834	ug/l	100
86) p-Isopropyltoluene	13.610	119	495752	55.636	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	234857	47.580	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	229970	46.832	ug/l	98
89) n-Butylbenzene	13.939	91	382071	56.094	ug/l	100
90) Hexachloroethane	14.204	117	81405	45.717	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	240824	48.850	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41479	54.923	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	118864	63.649	ug/l	97
94) Hexachlorobutadiene	15.363	225	62171	50.281	ug/l	98
95) Naphthalene	15.504	128	403213	57.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	122259	65.328	ug/l	98

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

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