

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071984.D
 Acq On : 13 Apr 2022 18:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:36:50 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	8.080	168	586581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	888002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	820154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	325388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	298762	44.615	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.220%		
35) Dibromofluoromethane	8.022	113	265895	50.885	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.780%		
50) Toluene-d8	10.439	98	1057424	49.468	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.940%		
62) 4-Bromofluorobenzene	12.727	95	346152	50.071	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	280346	60.117	ug/l	100
3) Chloromethane	2.299	50	298207	50.464	ug/l	97
4) Vinyl Chloride	2.440	62	306833	47.282	ug/l	100
5) Bromomethane	2.822	94	141328	33.502	ug/l	100
6) Chloroethane	2.993	64	203758	43.646	ug/l	99
7) Trichlorofluoromethane	3.357	101	407070	49.304	ug/l	100
8) Diethyl Ether	3.822	74	174149	49.910	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.204	101	246693	48.486	ug/l	98
10) Methyl Iodide	4.416	142	364247	51.214	ug/l	99
11) Tert butyl alcohol	5.369	59	289837	266.705	ug/l	99
12) 1,1-Dichloroethene	4.181	96	243698	50.333	ug/l	95
13) Acrolein	4.034	56	283367	213.853	ug/l	99
14) Allyl chloride	4.834	41	366983	46.699	ug/l	93
15) Acrylonitrile	5.545	53	858245	271.702	ug/l	98
16) Acetone	4.287	43	620520	216.825	ug/l	94
17) Carbon Disulfide	4.528	76	620281	55.837	ug/l	100
18) Methyl Acetate	4.851	43	356315	50.287	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	869312	48.330	ug/l	99
20) Methylene Chloride	5.092	84	299644	49.675	ug/l	94
21) trans-1,2-Dichloroethene	5.592	96	262531	49.394	ug/l	97
22) Diisopropyl ether	6.492	45	808807	47.277	ug/l	94
23) Vinyl Acetate	6.428	43	3454540	253.927	ug/l	98
24) 1,1-Dichloroethane	6.386	63	487986	48.589	ug/l	99
25) 2-Butanone	7.328	43	1042496	252.683	ug/l	95
26) 2,2-Dichloropropane	7.322	77	348455	40.388	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	321569	49.338	ug/l	95
28) Bromochloromethane	7.651	49	172747	42.639	ug/l	96
29) Tetrahydrofuran	7.681	42	693008	259.413	ug/l	95
30) Chloroform	7.816	83	501363	47.278	ug/l	98
31) Cyclohexane	8.092	56	438034	48.099	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	433120	47.741	ug/l	97
36) 1,1-Dichloropropene	8.216	75	372493	51.047	ug/l	99
37) Ethyl Acetate	7.410	43	411367	51.505	ug/l	97
38) Carbon Tetrachloride	8.204	117	362532	50.693	ug/l	95
39) Methylcyclohexane	9.457	83	467726	53.847	ug/l	97
40) Benzene	8.457	78	1194882	51.836	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	211554	54.096	ug/l	94
42) 1,2-Dichloroethane	8.527	62	378794	47.504	ug/l	97
43) Isopropyl Acetate	8.557	43	630664	47.473	ug/l	97
44) Trichloroethene	9.210	130	305513	51.445	ug/l	98
45) 1,2-Dichloropropane	9.486	63	294592	51.157	ug/l	99
46) Dibromomethane	9.575	93	201609	51.564	ug/l	98
47) Bromodichloromethane	9.757	83	397596	51.660	ug/l	100
48) Methyl methacrylate	9.557	41	295123	53.546	ug/l	92
49) 1,4-Dioxane	9.569	88	151611	1161.739	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2119652	277.517	ug/l	95
52) Toluene	10.504	92	783632	53.780	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	427561	53.006	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	468780	52.597	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	308895	51.509	ug/l	99
56) Ethyl methacrylate	10.757	69	501544	58.626	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	522369	52.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	558148	214.504	ug/l	100
59) 2-Hexanone	11.080	43	1503807	279.649	ug/l	94
60) Dibromochloromethane	11.233	129	325058	55.590	ug/l	99
61) 1,2-Dibromoethane	11.345	107	320227	54.247	ug/l	98
64) Tetrachloroethene	10.974	164	273333	50.470	ug/l	97
65) Chlorobenzene	11.768	112	845419	51.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	299876	50.604	ug/l	100
67) Ethyl Benzene	11.839	91	1466793	52.761	ug/l	98
68) m/p-Xylenes	11.951	106	1132889	106.058	ug/l	99
69) o-Xylene	12.274	106	565831	53.368	ug/l	97
70) Styrene	12.292	104	903115	56.219	ug/l	99
71) Bromoform	12.457	173	252970	56.057	ug/l #	100
73) Isopropylbenzene	12.574	105	1421890	51.857	ug/l	99
74) N-amyl acetate	12.386	43	409758	52.157	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	452624	49.474	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	355137m	47.114	ug/l	
77) Bromobenzene	12.857	156	346960	50.477	ug/l	97
78) n-propylbenzene	12.915	91	1545116	53.570	ug/l	100
79) 2-Chlorotoluene	13.004	91	944505	51.062	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1167135	53.724	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	127927	52.593	ug/l	95
82) 4-Chlorotoluene	13.098	91	871656	50.839	ug/l	99
83) tert-Butylbenzene	13.321	119	1029254	51.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1149496	54.229	ug/l	100
85) sec-Butylbenzene	13.498	105	1386364	53.853	ug/l	100
86) p-Isopropyltoluene	13.610	119	1139108	55.495	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	547638	50.010	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	532380	49.832	ug/l	99
89) n-Butylbenzene	13.939	91	831398	54.611	ug/l	99
90) Hexachloroethane	14.209	117	202739	53.957	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	537585	50.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76842	54.150	ug/l	93
93) 1,2,4-Trichlorobenzene	15.256	180	261091	50.401	ug/l	100
94) Hexachlorobutadiene	15.362	225	152448	48.080	ug/l	98
95) Naphthalene	15.504	128	775058	52.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	263748	52.452	ug/l	100

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

