

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073725.D
 Acq On : 03 Aug 2022 20:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 05:39:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	366324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	591899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	551583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	271945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227449	50.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	7.951	113	197799	53.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.380	98	768596	52.550	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.674	95	254613	51.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	169160	47.609	ug/l	98
3) Chloromethane	2.263	50	214180	50.163	ug/l	100
4) Vinyl Chloride	2.404	62	277269	44.619	ug/l	98
5) Bromomethane	2.781	94	153122	42.487	ug/l	98
6) Chloroethane	2.951	64	184509	50.947	ug/l	99
7) Trichlorofluoromethane	3.304	101	386482	60.347	ug/l	98
8) Diethyl Ether	3.763	74	120660	50.176	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	172865	48.787	ug/l	98
10) Methyl Iodide	4.345	142	155990	43.305	ug/l	98
11) Tert butyl alcohol	5.292	59	272639	283.179	ug/l	100
12) 1,1-Dichloroethene	4.104	96	169532	48.778	ug/l	95
13) Acrolein	3.981	56	265612	278.275	ug/l	98
14) Allyl chloride	4.757	41	265323	47.748	ug/l	98
15) Acrylonitrile	5.475	53	704252	264.436	ug/l	100
16) Acetone	4.222	43	593862	247.671	ug/l	99
17) Carbon Disulfide	4.451	76	426584	46.289	ug/l	99
18) Methyl Acetate	4.775	43	317883	53.288	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	637383	53.681	ug/l	100
20) Methylene Chloride	5.010	84	213511	55.276	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	187181	49.752	ug/l	95
22) Diisopropyl ether	6.416	45	617162	51.481	ug/l	99
23) Vinyl Acetate	6.351	43	2689150	267.550	ug/l	100
24) 1,1-Dichloroethane	6.304	63	358216	48.570	ug/l	100
25) 2-Butanone	7.263	43	960874	258.042	ug/l	100
26) 2,2-Dichloropropane	7.245	77	199631	35.182	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	232000	50.049	ug/l	93
28) Bromochloromethane	7.586	49	158083	51.049	ug/l	99
29) Tetrahydrofuran	7.610	42	625025	265.481	ug/l	99
30) Chloroform	7.745	83	382933	49.834	ug/l	100
31) Cyclohexane	8.022	56	306741	46.152	ug/l	100
32) 1,1,1-Trichloroethane	7.945	97	326902	51.236	ug/l	98
36) 1,1-Dichloropropene	8.151	75	268653	50.715	ug/l	99
37) Ethyl Acetate	7.339	43	365751	52.428	ug/l	99
38) Carbon Tetrachloride	8.133	117	271774	50.514	ug/l	95
39) Methylcyclohexane	9.392	83	324599	51.278	ug/l	97
40) Benzene	8.392	78	867778	50.447	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	169488	53.690	ug/l	95
42) 1,2-Dichloroethane	8.463	62	287236	49.546	ug/l	98
43) Isopropyl Acetate	8.498	43	512753	54.416	ug/l	99
44) Trichloroethene	9.151	130	219974	50.428	ug/l	98
45) 1,2-Dichloropropane	9.427	63	217188	50.513	ug/l	98
46) Dibromomethane	9.516	93	151644	50.817	ug/l	99
47) Bromodichloromethane	9.704	83	298504	52.118	ug/l	98
48) Methyl methacrylate	9.498	41	229837	55.723	ug/l	92
49) 1,4-Dioxane	9.510	88	134737	1158.850	ug/l	96
51) 4-Methyl-2-Pentanone	10.274	43	1861908	275.495	ug/l	99
52) Toluene	10.445	92	552131	52.549	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	294834	52.108	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	323256	50.698	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	230193	52.538	ug/l	98
56) Ethyl methacrylate	10.704	69	359970	59.610	ug/l	99
57) 1,3-Dichloropropane	10.986	76	380504	51.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	781949	244.906	ug/l	99
59) 2-Hexanone	11.027	43	1461516	285.428	ug/l	99
60) Dibromochloromethane	11.180	129	240567	55.190	ug/l	100
61) 1,2-Dibromoethane	11.286	107	239924	53.168	ug/l	99
64) Tetrachloroethene	10.916	164	211127	48.163	ug/l	99
65) Chlorobenzene	11.710	112	595693	50.844	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	224812	53.497	ug/l	100
67) Ethyl Benzene	11.786	91	1056639	53.458	ug/l	100
68) m/p-Xylenes	11.892	106	820544	108.846	ug/l	99
69) o-Xylene	12.221	106	412419	56.114	ug/l	99
70) Styrene	12.233	104	684933	58.217	ug/l	98
71) Bromoform	12.398	173	196383	56.617	ug/l #	100
73) Isopropylbenzene	12.521	105	1056323	53.063	ug/l	100
74) N-amyl acetate	12.333	43	409701	54.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	375188	48.841	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	282348m	57.136	ug/l	
77) Bromobenzene	12.804	156	267913	51.679	ug/l	96
78) n-propylbenzene	12.863	91	1201339	53.633	ug/l	99
79) 2-Chlorotoluene	12.951	91	721939	51.641	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	883551	53.933	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	98441	46.911	ug/l	99
82) 4-Chlorotoluene	13.045	91	701520	52.946	ug/l	98
83) tert-Butylbenzene	13.262	119	809127	55.761	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	884421	54.903	ug/l	99
85) sec-Butylbenzene	13.439	105	1102113	54.954	ug/l	100
86) p-Isopropyltoluene	13.557	119	915434	57.902	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	480061	50.732	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	471187	49.767	ug/l	98
89) n-Butylbenzene	13.880	91	704671	54.779	ug/l	99
90) Hexachloroethane	14.151	117	162270	51.731	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	492164	51.326	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	82933	53.733	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	271895	57.099	ug/l	99
94) Hexachlorobutadiene	15.304	225	132977	51.368	ug/l	98
95) Naphthalene	15.439	128	950457	61.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	284793	56.826	ug/l	99

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

