

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073099.D
 Acq On : 25 Jun 2022 10:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 03:33:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	246786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	416571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	375919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	177312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	173530	52.010	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	7.951	113	139228	54.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.140%			
50) Toluene-d8	10.374	98	507949	53.017	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.668	95	188828	54.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.045	85	121410	51.670	ug/l	95
3) Chloromethane	2.269	50	115623	45.825	ug/l	100
4) Vinyl Chloride	2.404	62	106956	50.757	ug/l	98
5) Bromomethane	2.787	94	43399	52.319	ug/l	98
6) Chloroethane	2.957	64	71118	53.946	ug/l	100
7) Trichlorofluoromethane	3.310	101	204331	59.545	ug/l	97
8) Diethyl Ether	3.763	74	89648	50.620	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.139	101	128329	54.101	ug/l	96
10) Methyl Iodide	4.351	142	117523	43.226	ug/l	98
11) Tert butyl alcohol	5.286	59	189736	220.148	ug/l	99
12) 1,1-Dichloroethene	4.110	96	114298	48.374	ug/l	96
13) Acrolein	3.981	56	55070	162.240	ug/l	96
14) Allyl chloride	4.757	41	253430	50.203	ug/l #	93
15) Acrylonitrile	5.469	53	520352	261.909	ug/l	99
16) Acetone	4.222	43	457400	249.394	ug/l	92
17) Carbon Disulfide	4.451	76	237342	39.205	ug/l	100
18) Methyl Acetate	4.769	43	251770	51.551	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	480607	54.161	ug/l	97
20) Methylene Chloride	5.016	84	141895	49.879	ug/l	90
21) trans-1,2-Dichloroethene	5.510	96	121544	47.291	ug/l	96
22) Diisopropyl ether	6.410	45	527752	56.079	ug/l	94
23) Vinyl Acetate	6.345	43	2399487	276.208	ug/l	94
24) 1,1-Dichloroethane	6.304	63	264401	53.589	ug/l	98
25) 2-Butanone	7.257	43	761316	261.590	ug/l	90
26) 2,2-Dichloropropane	7.245	77	225513	55.122	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	155461	50.629	ug/l	95
28) Bromochloromethane	7.580	49	111074	54.435	ug/l	83
29) Tetrahydrofuran	7.610	42	497084	258.645	ug/l	86
30) Chloroform	7.745	83	269670	53.991	ug/l	99
31) Cyclohexane	8.022	56	210966	46.744	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	230135	52.505	ug/l	98
36) 1,1-Dichloropropene	8.145	75	180262	51.740	ug/l	99
37) Ethyl Acetate	7.333	43	292644	52.514	ug/l	95
38) Carbon Tetrachloride	8.133	117	193089	52.690	ug/l	97
39) Methylcyclohexane	9.386	83	219048	52.162	ug/l	98
40) Benzene	8.386	78	576454	52.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	138983	52.593	ug/l	89
42) 1,2-Dichloroethane	8.457	62	213466	54.890	ug/l	99
43) Isopropyl Acetate	8.492	43	440189	55.259	ug/l	94
44) Trichloroethene	9.145	130	141969	51.165	ug/l	91
45) 1,2-Dichloropropane	9.421	63	154734	55.286	ug/l	98
46) Dibromomethane	9.510	93	101120	53.434	ug/l	92
47) Bromodichloromethane	9.698	83	210884	56.072	ug/l	99
48) Methyl methacrylate	9.492	41	199147	54.757	ug/l	89
49) 1,4-Dioxane	9.504	88	74603	911.650	ug/l #	87
51) 4-Methyl-2-Pentanone	10.268	43	1464236	281.878	ug/l	90
52) Toluene	10.439	92	366416	54.508	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	231459	57.225	ug/l	98
54) cis-1,3-Dichloropropene	10.121	75	248916	56.341	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	154198	52.241	ug/l	97
56) Ethyl methacrylate	10.698	69	262855	55.561	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	267269	54.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.974	63	605820	290.048	ug/l	95
59) 2-Hexanone	11.021	43	1119914	278.744	ug/l	89
60) Dibromochloromethane	11.174	129	159608	57.217	ug/l	98
61) 1,2-Dibromoethane	11.280	107	157499	54.127	ug/l	99
64) Tetrachloroethene	10.910	164	122965	53.770	ug/l	95
65) Chlorobenzene	11.704	112	387555	52.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	146386	52.388	ug/l	99
67) Ethyl Benzene	11.780	91	711889	55.084	ug/l	100
68) m/p-Xylenes	11.886	106	539945	106.522	ug/l	96
69) o-Xylene	12.215	106	274944	54.283	ug/l	98
70) Styrene	12.233	104	449970	55.320	ug/l	98
71) Bromoform	12.392	173	116892	55.481	ug/l	99
73) Isopropylbenzene	12.515	105	717212	52.285	ug/l	99
74) N-amyl acetate	12.327	43	371387	52.173	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	249910	50.588	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	199544m	46.417	ug/l	
77) Bromobenzene	12.798	156	165326	50.309	ug/l	89
78) n-propylbenzene	12.857	91	839126	55.614	ug/l	98
79) 2-Chlorotoluene	12.939	91	501559	51.334	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	594967	52.803	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.562	75	84591	53.141	ug/l	95
82) 4-Chlorotoluene	13.039	91	495975	53.653	ug/l	96
83) tert-Butylbenzene	13.257	119	537147	52.052	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	595912	53.099	ug/l	97
85) sec-Butylbenzene	13.433	105	744518	54.084	ug/l	99
86) p-Isopropyltoluene	13.551	119	613330	55.031	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	305425	52.059	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	302090	50.873	ug/l	98
89) n-Butylbenzene	13.880	91	531325	58.384	ug/l	98
90) Hexachloroethane	14.145	117	113941	54.229	ug/l	86
91) 1,2-Dichlorobenzene	13.921	146	313449	51.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	61273	49.183	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	171706	50.709	ug/l	97
94) Hexachlorobutadiene	15.292	225	71522	48.539	ug/l	100
95) Naphthalene	15.427	128	625835	45.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	169788	46.957	ug/l	98

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

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