

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073597.D
 Acq On : 25 Jul 2022 22:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 02:20:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	165676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	279096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	262724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	134851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	123933	51.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	7.951	113	100470	54.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.220%			
50) Toluene-d8	10.380	98	340118	51.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.674	95	135426	53.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	146732	60.578	ug/l	98
3) Chloromethane	2.263	50	133533	56.784	ug/l	98
4) Vinyl Chloride	2.404	62	121912	61.015	ug/l	97
5) Bromomethane	2.781	94	51652	54.732	ug/l	100
6) Chloroethane	2.957	64	78091	66.439	ug/l	96
7) Trichlorofluoromethane	3.304	101	170874	49.466	ug/l	98
8) Diethyl Ether	3.763	74	79358	56.435	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.140	101	107331	52.585	ug/l	97
10) Methyl Iodide	4.345	142	114221	47.380	ug/l	95
11) Tert butyl alcohol	5.292	59	171776	296.482	ug/l	100
12) 1,1-Dichloroethene	4.110	96	107711	55.227	ug/l	98
13) Acrolein	3.981	56	158035	431.544	ug/l	97
14) Allyl chloride	4.763	41	229294	55.807	ug/l #	91
15) Acrylonitrile	5.475	53	511757	343.120	ug/l	99
16) Acetone	4.222	43	453858	338.067	ug/l	96
17) Carbon Disulfide	4.457	76	286105	56.574	ug/l	99
18) Methyl Acetate	4.775	43	243929	64.837	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	397729	55.953	ug/l	99
20) Methylene Chloride	5.016	84	133034	56.386	ug/l #	84
21) trans-1,2-Dichloroethene	5.510	96	114217	56.047	ug/l	94
22) Diisopropyl ether	6.410	45	475997	62.086	ug/l #	91
23) Vinyl Acetate	6.351	43	2120594	308.931	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	237058	59.750	ug/l	98
25) 2-Butanone	7.257	43	742239	347.259	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	121199	33.029	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	138341	56.057	ug/l	99
28) Bromochloromethane	7.580	49	102103	61.448	ug/l #	79
29) Tetrahydrofuran	7.610	42	515838	352.459	ug/l #	83
30) Chloroform	7.745	83	233196	58.357	ug/l	100
31) Cyclohexane	8.028	56	208640	53.265	ug/l	88
32) 1,1,1-Trichloroethane	7.945	97	197623	55.494	ug/l	99
36) 1,1-Dichloropropene	8.151	75	166157	58.155	ug/l	98
37) Ethyl Acetate	7.339	43	288084	66.731	ug/l #	93
38) Carbon Tetrachloride	8.133	117	161164	54.546	ug/l	96
39) Methylcyclohexane	9.398	83	197562	55.540	ug/l	96
40) Benzene	8.392	78	527801	59.857	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.575	41	138619	66.207	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	189789	59.377	ug/l	98
43) Isopropyl Acetate	8.492	43	395797	63.793	ug/l #	92
44) Trichloroethene	9.151	130	122865	54.755	ug/l	86
45) 1,2-Dichloropropane	9.427	63	141966	63.168	ug/l	98
46) Dibromomethane	9.516	93	92468	60.595	ug/l	91
47) Bromodichloromethane	9.698	83	181462	61.397	ug/l	98
48) Methyl methacrylate	9.498	41	185824	64.686	ug/l	87
49) 1,4-Dioxane	9.504	88	74370	1363.707	ug/l #	90
51) 4-Methyl-2-Pentanone	10.274	43	1421497	361.285	ug/l	89
52) Toluene	10.445	92	317081	58.187	ug/l	96
53) t-1,3-Dichloropropene	10.663	75	177411	54.527	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	195224	55.578	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	131993	58.837	ug/l	95
56) Ethyl methacrylate	10.704	69	221743	61.153	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	233503	60.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	482686	298.481	ug/l	92
59) 2-Hexanone	11.027	43	1094915	365.069	ug/l	88
60) Dibromochloromethane	11.180	129	134718	62.985	ug/l	98
61) 1,2-Dibromoethane	11.286	107	134709	60.117	ug/l	99
64) Tetrachloroethene	10.916	164	117931	54.971	ug/l	96
65) Chlorobenzene	11.710	112	330362	55.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	121608	55.642	ug/l	98
67) Ethyl Benzene	11.786	91	611389	56.677	ug/l	99
68) m/p-Xylenes	11.892	106	463163	113.769	ug/l	97
69) o-Xylene	12.221	106	229966	55.333	ug/l	98
70) Styrene	12.233	104	380290	59.267	ug/l	100
71) Bromoform	12.398	173	100760	63.007	ug/l #	99
73) Isopropylbenzene	12.521	105	596046	51.185	ug/l	98
74) N-amyl acetate	12.327	43	317083	54.380	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	218013	56.418	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	198494m	56.293	ug/l	
77) Bromobenzene	12.798	156	137958	50.955	ug/l	89
78) n-propylbenzene	12.863	91	701400	54.218	ug/l	96
79) 2-Chlorotoluene	12.951	91	411612	50.272	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	495449	52.199	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	59937	46.617	ug/l	92
82) 4-Chlorotoluene	13.045	91	397087	50.095	ug/l	98
83) tert-Butylbenzene	13.262	119	441276	51.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	489854	51.692	ug/l	99
85) sec-Butylbenzene	13.439	105	617904	54.077	ug/l	97
86) p-Isopropyltoluene	13.557	119	495986	53.735	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	249422	51.352	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	245126	50.369	ug/l	99
89) n-Butylbenzene	13.880	91	403711	52.488	ug/l	98
90) Hexachloroethane	14.151	117	89961	52.297	ug/l	93
91) 1,2-Dichlorobenzene	13.927	146	258470	52.239	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	50660	53.938	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	131774	51.149	ug/l	99
94) Hexachlorobutadiene	15.298	225	61398	53.611	ug/l	99
95) Naphthalene	15.433	128	490479	47.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	136225	51.259	ug/l	100

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

