

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074378.D
 Acq On : 09 Sep 2022 16:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 10 06:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	280279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	534378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	520381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	258697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	262571	54.147	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.300%			
35) Dibromofluoromethane	7.945	113	186691	51.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.500%			
50) Toluene-d8	10.381	98	691249	49.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.675	95	270557	53.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	150725	41.496	ug/l	100
3) Chloromethane	2.263	50	235578	54.267	ug/l	95
4) Vinyl Chloride	2.405	62	288975	47.621	ug/l	97
5) Bromomethane	2.775	94	244444	57.646	ug/l	96
6) Chloroethane	2.952	64	210430m	56.611	ug/l	
7) Trichlorofluoromethane	3.305	101	264996	44.227	ug/l	99
8) Diethyl Ether	3.757	74	139511	55.181	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.140	101	157402	43.838	ug/l	99
10) Methyl Iodide	4.340	142	220120	53.033	ug/l	98
11) Tert butyl alcohol	5.287	59	342496	270.025	ug/l	99
12) 1,1-Dichloroethene	4.104	96	155581	44.529	ug/l	99
13) Acrolein	3.975	56	215745	256.067	ug/l	96
14) Allyl chloride	4.757	41	386814	50.472	ug/l	99
15) Acrylonitrile	5.469	53	829663	285.907	ug/l	98
16) Acetone	4.216	43	716916	273.844	ug/l	99
17) Carbon Disulfide	4.452	76	444016	46.760	ug/l	99
18) Methyl Acetate	4.769	43	409021	52.999	ug/l	97
19) Methyl tert-butyl Ether	5.522	73	771885	54.889	ug/l	99
20) Methylene Chloride	5.004	84	221239	57.832	ug/l	95
21) trans-1,2-Dichloroethene	5.504	96	188790	48.221	ug/l	94
22) Diisopropyl ether	6.410	45	862490	55.894	ug/l	98
23) Vinyl Acetate	6.346	43	4036441	293.106	ug/l	99
24) 1,1-Dichloroethane	6.304	63	404470	51.012	ug/l	97
25) 2-Butanone	7.251	43	1263410	287.491	ug/l	99
26) 2,2-Dichloropropane	7.240	77	312005	43.497	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	241726	50.115	ug/l	98
28) Bromochloromethane	7.581	49	135196	57.004	ug/l	99
29) Tetrahydrofuran	7.604	42	850491	292.766	ug/l	99
30) Chloroform	7.745	83	433038	54.715	ug/l	97
31) Cyclohexane	8.022	56	345306	44.774	ug/l	95
32) 1,1,1-Trichloroethane	7.940	97	344458	48.515	ug/l	97
36) 1,1-Dichloropropene	8.145	75	279430	47.016	ug/l	99
37) Ethyl Acetate	7.334	43	503110	58.356	ug/l	98
38) Carbon Tetrachloride	8.134	117	288766	47.063	ug/l	99
39) Methylcyclohexane	9.392	83	337185	44.764	ug/l	95
40) Benzene	8.387	78	943008	51.822	ug/l	95

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41) Methacrylonitrile	7.557	41	237935	55.619	ug/l	91
42) 1,2-Dichloroethane	8.457	62	372245	53.510	ug/l	99
43) Isopropyl Acetate	8.492	43	788100	55.896	ug/l	99
44) Trichloroethene	9.145	130	206313	50.573	ug/l	97
45) 1,2-Dichloropropane	9.428	63	259780	53.779	ug/l	99
46) Dibromomethane	9.510	93	181509	54.879	ug/l	97
47) Bromodichloromethane	9.698	83	352288	53.437	ug/l	96
48) Methyl methacrylate	9.492	41	338933	54.546	ug/l	97
49) 1,4-Dioxane	9.504	88	137710	1051.661	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	2656907	288.152	ug/l	100
52) Toluene	10.445	92	596894	53.041	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	406849	55.942	ug/l	94
54) cis-1,3-Dichloropropene	10.128	75	404513	52.174	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	255126	55.000	ug/l	98
56) Ethyl methacrylate	10.704	69	460385	58.412	ug/l	98
57) 1,3-Dichloropropane	10.986	76	456169	56.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	1005399	274.216	ug/l	99
59) 2-Hexanone	11.028	43	2074257	291.514	ug/l	99
60) Dibromochloromethane	11.180	129	270372	57.569	ug/l	100
61) 1,2-Dibromoethane	11.286	107	270302	56.640	ug/l	99
64) Tetrachloroethene	10.916	164	159816	45.303	ug/l	92
65) Chlorobenzene	11.710	112	623128	49.660	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.786	131	240871	49.143	ug/l	98
67) Ethyl Benzene	11.786	91	1158322	48.874	ug/l	99
68) m/p-Xylenes	11.892	106	887061	99.562	ug/l	100
69) o-Xylene	12.222	106	447540	49.972	ug/l	98
70) Styrene	12.233	104	772497	54.254	ug/l	99
71) Bromoform	12.398	173	207034	56.392	ug/l #	100
73) Isopropylbenzene	12.522	105	1128768	45.415	ug/l	99
74) N-amyl acetate	12.333	43	717545	56.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	459307	49.173	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	358093m	52.951	ug/l	
77) Bromobenzene	12.804	156	258086	48.369	ug/l	98
78) n-propylbenzene	12.863	91	1369762	48.106	ug/l	99
79) 2-Chlorotoluene	12.951	91	827785	47.684	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	979707	47.511	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	156291	51.513	ug/l	97
82) 4-Chlorotoluene	13.045	91	830679	49.593	ug/l	100
83) tert-Butylbenzene	13.263	119	840089	45.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	994906	48.679	ug/l	100
85) sec-Butylbenzene	13.445	105	1187920	47.021	ug/l	98
86) p-Isopropyltoluene	13.557	119	985690	48.744	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	494499	50.126	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	482079	48.374	ug/l	98
89) n-Butylbenzene	13.886	91	863174	50.162	ug/l	99
90) Hexachloroethane	14.151	117	194243	45.469	ug/l	97
91) 1,2-Dichlorobenzene	13.933	146	501212	48.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	111498	52.986	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	257323	49.774	ug/l	97
94) Hexachlorobutadiene	15.304	225	107328	45.805	ug/l	97
95) Naphthalene	15.439	128	1103324	54.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	273988	51.214	ug/l	99

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

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