

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073676.D
 Acq On : 02 Aug 2022 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 03 02:01:32 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 08/03/2022
 Supervised By : Mahesh Dadoda 08/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	378132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	587188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	566141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	288376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	214988	46.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.300%			
35) Dibromofluoromethane	7.945	113	186074	50.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	10.381	98	756812	52.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.320%			
62) 4-Bromofluorobenzene	12.669	95	252380	51.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	159233	43.416	ug/l	96
3) Chloromethane	2.269	50	214344	48.553	ug/l	99
4) Vinyl Chloride	2.405	62	272023	42.408	ug/l	99
5) Bromomethane	2.781	94	167181	44.939	ug/l	99
6) Chloroethane	2.952	64	193843	51.893	ug/l	99
7) Trichlorofluoromethane	3.310	101	294429	44.538	ug/l	98
8) Diethyl Ether	3.763	74	113540	45.741	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	180923	49.466	ug/l	99
10) Methyl Iodide	4.346	142	204638	55.036	ug/l	96
11) Tert butyl alcohol	5.281	59	203006	204.270	ug/l	99
12) 1,1-Dichloroethene	4.110	96	166439	46.393	ug/l	91
13) Acrolein	3.975	56	329950	334.886	ug/l	97
14) Allyl chloride	4.751	41	255194	44.491	ug/l	97
15) Acrylonitrile	5.469	53	621251	225.986	ug/l	100
16) Acetone	4.216	43	538194	217.445	ug/l	99
17) Carbon Disulfide	4.452	76	423070	44.475	ug/l	99
18) Methyl Acetate	4.769	43	271183	44.040	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	597133	48.721	ug/l	99
20) Methylene Chloride	5.004	84	204656	51.164	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	189238	48.728	ug/l	95
22) Diisopropyl ether	6.404	45	589611	47.647	ug/l	98
23) Vinyl Acetate	6.346	43	2556312	246.391	ug/l	100
24) 1,1-Dichloroethane	6.298	63	347921	45.701	ug/l	98
25) 2-Butanone	7.257	43	853226	221.978	ug/l	97
26) 2,2-Dichloropropane	7.245	77	290448	49.589	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	232474	48.585	ug/l	96
28) Bromochloromethane	7.581	49	143678	44.948	ug/l	100
29) Tetrahydrofuran	7.604	42	541360	222.764	ug/l	97
30) Chloroform	7.740	83	379595	47.857	ug/l	99
31) Cyclohexane	8.022	56	319956	46.637	ug/l	97
32) 1,1,1-Trichloroethane	7.940	97	318246	48.322	ug/l	99
36) 1,1-Dichloropropene	8.145	75	272950	51.940	ug/l	99
37) Ethyl Acetate	7.334	43	326412	47.164	ug/l	99
38) Carbon Tetrachloride	8.134	117	273229	51.192	ug/l	97
39) Methylcyclohexane	9.392	83	351840	56.028	ug/l	96
40) Benzene	8.387	78	861641	50.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	131207	41.897	ug/l	86
42) 1,2-Dichloroethane	8.457	62	281483	48.943	ug/l	98
43) Isopropyl Acetate	8.492	43	468007	50.066	ug/l	99
44) Trichloroethene	9.145	130	218338	50.454	ug/l	99
45) 1,2-Dichloropropane	9.428	63	212607	49.844	ug/l	100
46) Dibromomethane	9.510	93	152920	51.655	ug/l	98
47) Bromodichloromethane	9.698	83	293111	51.587	ug/l	99
48) Methyl methacrylate	9.492	41	211195	51.615	ug/l	95
49) 1,4-Dioxane	9.504	88	109397	948.454	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	1691710	252.320	ug/l	99
52) Toluene	10.445	92	562295	53.945	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	312693	55.708	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	342815	54.197	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	225106	51.789	ug/l	97
56) Ethyl methacrylate	10.698	69	346073	57.768	ug/l	98
57) 1,3-Dichloropropane	10.980	76	383333	51.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	804927	253.751	ug/l	98
59) 2-Hexanone	11.028	43	1305674	257.038	ug/l	100
60) Dibromochloromethane	11.175	129	241864	55.933	ug/l	100
61) 1,2-Dibromoethane	11.286	107	235543	52.616	ug/l	99
64) Tetrachloroethene	10.916	164	219681	48.826	ug/l	97
65) Chlorobenzene	11.710	112	610044	50.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	220336	51.084	ug/l	99
67) Ethyl Benzene	11.780	91	1087654	53.613	ug/l	99
68) m/p-Xylenes	11.892	106	856877	110.742	ug/l	99
69) o-Xylene	12.222	106	414764	54.982	ug/l	100
70) Styrene	12.233	104	703604	58.267	ug/l	97
71) Bromoform	12.398	173	190009	53.371	ug/l #	99
73) Isopropylbenzene	12.516	105	1096815	51.957	ug/l	100
74) N-amyl acetate	12.327	43	395960	49.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	358922	44.061	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	298391m	56.930	ug/l	
77) Bromobenzene	12.798	156	269712	49.062	ug/l	97
78) n-propylbenzene	12.857	91	1273894	53.632	ug/l	100
79) 2-Chlorotoluene	12.945	91	747132	50.398	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	923087	53.136	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	111773	50.230	ug/l	99
82) 4-Chlorotoluene	13.045	91	719958	51.241	ug/l	98
83) tert-Butylbenzene	13.263	119	805192	52.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	911901	53.384	ug/l	99
85) sec-Butylbenzene	13.439	105	1152568	54.195	ug/l	99
86) p-Isopropyltoluene	13.557	119	979533	58.426	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	500792	49.907	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	493869	49.190	ug/l	98
89) n-Butylbenzene	13.880	91	788830	57.827	ug/l	99
90) Hexachloroethane	14.151	117	169163	50.855	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	499743	49.147	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	75161	45.922	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	282775	56.000	ug/l	99
94) Hexachlorobutadiene	15.298	225	141446	51.526	ug/l	99
95) Naphthalene	15.433	128	905358	55.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	288132	54.216	ug/l	99

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

