

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073674.D
 Acq On : 01 Aug 2022 21:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 05:07:32 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	417008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	672570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	622772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	309280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	244360	48.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.160%		
35) Dibromofluoromethane	7.951	113	212800	50.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.780%		
50) Toluene-d8	10.380	98	843755	50.770	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.540%		
62) 4-Bromofluorobenzene	12.668	95	283996	50.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	183681	45.413	ug/l	96
3) Chloromethane	2.269	50	229146	46.986	ug/l	99
4) Vinyl Chloride	2.404	62	298549	42.204	ug/l	97
5) Bromomethane	2.787	94	172561	42.061	ug/l	99
6) Chloroethane	2.957	64	195529	47.275	ug/l	98
7) Trichlorofluoromethane	3.310	101	311562	42.736	ug/l	97
8) Diethyl Ether	3.763	74	128313	46.873	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	182736	45.304	ug/l	97
10) Methyl Iodide	4.351	142	231724	56.511	ug/l	99
11) Tert butyl alcohol	5.292	59	257039	234.527	ug/l	99
12) 1,1-Dichloroethene	4.110	96	179793	45.443	ug/l	95
13) Acrolein	3.981	56	278854	256.640	ug/l	99
14) Allyl chloride	4.763	41	279647	44.209	ug/l	98
15) Acrylonitrile	5.475	53	700424	231.033	ug/l	100
16) Acetone	4.222	43	577781	211.677	ug/l	99
17) Carbon Disulfide	4.457	76	446568	42.568	ug/l	99
18) Methyl Acetate	4.775	43	312136	45.965	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	665470	49.235	ug/l	98
20) Methylene Chloride	5.016	84	221337	50.131	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	199649	46.616	ug/l	94
22) Diisopropyl ether	6.410	45	641159	46.982	ug/l	98
23) Vinyl Acetate	6.351	43	2800279	244.744	ug/l	100
24) 1,1-Dichloroethane	6.304	63	373257	44.459	ug/l	100
25) 2-Butanone	7.257	43	958936	226.222	ug/l	100
26) 2,2-Dichloropropane	7.245	77	255889	39.615	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	243587	46.162	ug/l	94
28) Bromochloromethane	7.580	49	147072	41.721	ug/l	99
29) Tetrahydrofuran	7.610	42	628995	234.695	ug/l	98
30) Chloroform	7.745	83	392757	44.900	ug/l	98
31) Cyclohexane	8.022	56	324126	42.840	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	337880	46.520	ug/l	98
36) 1,1-Dichloropropene	8.151	75	285381	47.411	ug/l	100
37) Ethyl Acetate	7.339	43	368603	46.499	ug/l	98
38) Carbon Tetrachloride	8.133	117	287737	47.066	ug/l	98
39) Methylcyclohexane	9.398	83	351659	48.890	ug/l	96
40) Benzene	8.392	78	907269	46.417	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	179324m	49.992	ug/l	
42) 1,2-Dichloroethane	8.463	62	300084	45.553	ug/l	99
43) Isopropyl Acetate	8.492	43	522445	48.794	ug/l	99
44) Trichloroethene	9.151	130	230520	46.507	ug/l	98
45) 1,2-Dichloropropane	9.427	63	224361	45.923	ug/l	100
46) Dibromomethane	9.516	93	159340	46.991	ug/l	98
47) Bromodichloromethane	9.698	83	304776	46.831	ug/l	99
48) Methyl methacrylate	9.498	41	231817	49.462	ug/l	93
49) 1,4-Dioxane	9.504	88	130559	988.228	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	1861691	242.423	ug/l	99
52) Toluene	10.445	92	589144	49.346	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	323286	50.283	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	353278	48.761	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	240394	48.285	ug/l	99
56) Ethyl methacrylate	10.704	69	379464	55.301	ug/l	98
57) 1,3-Dichloropropane	10.986	76	401585	47.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	832356	230.053	ug/l	99
59) 2-Hexanone	11.027	43	1449765	249.173	ug/l	100
60) Dibromochloromethane	11.180	129	253106	51.102	ug/l	100
61) 1,2-Dibromoethane	11.286	107	253126	49.365	ug/l	99
64) Tetrachloroethene	10.916	164	221056	44.664	ug/l	97
65) Chlorobenzene	11.710	112	636243	48.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	235357	49.605	ug/l	98
67) Ethyl Benzene	11.786	91	1123547	50.346	ug/l	99
68) m/p-Xylenes	11.892	106	877869	103.138	ug/l	99
69) o-Xylene	12.221	106	435378	52.467	ug/l	99
70) Styrene	12.233	104	717363	54.004	ug/l	98
71) Bromoform	12.398	173	204189	52.139	ug/l #	99
73) Isopropylbenzene	12.521	105	1124374	49.663	ug/l	99
74) N-amyl acetate	12.327	43	440883	51.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	380374	43.539	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	329810m	58.777	ug/l	
77) Bromobenzene	12.798	156	286072	48.521	ug/l	95
78) n-propylbenzene	12.863	91	1279177	50.214	ug/l	100
79) 2-Chlorotoluene	12.945	91	758872	47.730	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	930385	49.936	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	108714	45.553	ug/l	97
82) 4-Chlorotoluene	13.045	91	727490	48.278	ug/l	96
83) tert-Butylbenzene	13.262	119	834955	50.595	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	937920	51.196	ug/l	100
85) sec-Butylbenzene	13.439	105	1164036	51.035	ug/l	99
86) p-Isopropyltoluene	13.557	119	983453	54.695	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	506671	47.080	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	503492	46.759	ug/l	99
89) n-Butylbenzene	13.880	91	767510	52.461	ug/l	99
90) Hexachloroethane	14.151	117	168812	47.320	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	519737	47.659	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	85034	48.443	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	301401	55.655	ug/l	99
94) Hexachlorobutadiene	15.304	225	146563	49.781	ug/l	98
95) Naphthalene	15.433	128	1600354	91.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	305308	53.565	ug/l	98

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

