

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073305.D
 Acq On : 01 Jul 2022 18:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/05/2022
 Supervised By : Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 05:07:44 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	223259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	411870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	379835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	181099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	177561	55.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.180%			
35) Dibromofluoromethane	7.951	113	139053	50.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.380	98	469339	48.225	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.669	95	194189	51.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	159313	48.808	ug/l	98
3) Chloromethane	2.263	50	153614	48.475	ug/l	98
4) Vinyl Chloride	2.405	62	135611	50.366	ug/l	97
5) Bromomethane	2.787	94	52648	41.398	ug/l	95
6) Chloroethane	2.952	64	83979	53.021	ug/l	100
7) Trichlorofluoromethane	3.310	101	191940	41.233	ug/l	99
8) Diethyl Ether	3.763	74	104509	55.152	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	121687	44.241	ug/l	98
10) Methyl Iodide	4.346	142	137753	41.947	ug/l	96
11) Tert butyl alcohol	5.293	59	265983	340.675	ug/l	99
12) 1,1-Dichloroethene	4.110	96	131571	50.061	ug/l	98
13) Acrolein	3.975	56	157445	319.045	ug/l	97
14) Allyl chloride	4.763	41	281475	50.838	ug/l #	93
15) Acrylonitrile	5.475	53	621886	309.417	ug/l	99
16) Acetone	4.222	43	574837	317.744	ug/l	99
17) Carbon Disulfide	4.451	76	339172	49.769	ug/l	100
18) Methyl Acetate	4.775	43	298286	58.836	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	534920	55.844	ug/l	99
20) Methylene Chloride	5.016	84	164204	51.647	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	138261	50.347	ug/l	99
22) Diisopropyl ether	6.416	45	584981	56.621	ug/l	96
23) Vinyl Acetate	6.351	43	2690907	290.906	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	288774	54.012	ug/l	98
25) 2-Butanone	7.263	43	913544	317.168	ug/l	90
26) 2,2-Dichloropropane	7.251	77	145378	29.400	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	174808	52.565	ug/l	98
28) Bromochloromethane	7.587	49	132687	59.258	ug/l	84
29) Tetrahydrofuran	7.610	42	616175	312.428	ug/l #	87
30) Chloroform	7.745	83	291934	54.213	ug/l	95
31) Cyclohexane	8.022	56	232083	43.968	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	247292	51.531	ug/l	99
36) 1,1-Dichloropropene	8.151	75	195123	46.277	ug/l	98
37) Ethyl Acetate	7.339	43	357253	56.076	ug/l	95
38) Carbon Tetrachloride	8.134	117	201838	46.290	ug/l	100
39) Methylcyclohexane	9.392	83	221725	42.238	ug/l	92
40) Benzene	8.392	78	640439	49.217	ug/l	98

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41) Methacrylonitrile	7.563	41	173022	55.999	ug/l #	81
42) 1,2-Dichloroethane	8.463	62	241686	51.238	ug/l	98
43) Isopropyl Acetate	8.492	43	507354	55.412	ug/l	93
44) Trichloroethene	9.151	130	149752	45.223	ug/l	97
45) 1,2-Dichloropropane	9.428	63	167337	50.454	ug/l	98
46) Dibromomethane	9.516	93	115401	51.245	ug/l	91
47) Bromodichloromethane	9.698	83	227463	52.151	ug/l	98
48) Methyl methacrylate	9.498	41	231857	54.691	ug/l	89
49) 1,4-Dioxane	9.504	88	102002	1267.434	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1703517	293.389	ug/l	91
52) Toluene	10.445	92	386330	48.041	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	239606	49.902	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	250902	48.402	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	165727	50.059	ug/l	97
56) Ethyl methacrylate	10.704	69	294601	55.055	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	292302	51.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	668691	280.202	ug/l	95
59) 2-Hexanone	11.027	43	1335264	301.686	ug/l	89
60) Dibromochloromethane	11.175	129	173603	55.000	ug/l	100
61) 1,2-Dibromoethane	11.286	107	176381	53.339	ug/l	99
64) Tetrachloroethene	10.916	164	201469	64.956	ug/l	96
65) Chlorobenzene	11.710	112	402491	46.853	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	154282	48.827	ug/l	99
67) Ethyl Benzene	11.786	91	730824	46.861	ug/l	100
68) m/p-Xylenes	11.892	106	551423	93.687	ug/l	95
69) o-Xylene	12.222	106	282376	46.995	ug/l	97
70) Styrene	12.233	104	460516	49.642	ug/l	98
71) Bromoform	12.398	173	128003	55.363	ug/l #	97
73) Isopropylbenzene	12.516	105	714979	45.719	ug/l	99
74) N-amyl acetate	12.327	43	409518	52.297	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	267120	51.473	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	237421m	50.138	ug/l	
77) Bromobenzene	12.798	156	169546	46.630	ug/l	86
78) n-propylbenzene	12.863	91	810422	46.648	ug/l	97
79) 2-Chlorotoluene	12.945	91	511958	46.560	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	595294	46.702	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	79216	45.877	ug/l	93
82) 4-Chlorotoluene	13.045	91	485251	45.584	ug/l	97
83) tert-Butylbenzene	13.263	119	515723	45.129	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	595840	46.819	ug/l	97
85) sec-Butylbenzene	13.439	105	716971	46.723	ug/l	98
86) p-Isopropyltoluene	13.557	119	577314	46.573	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	293284	44.962	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	299555	45.834	ug/l	98
89) n-Butylbenzene	13.880	91	478073	46.283	ug/l	98
90) Hexachloroethane	14.151	117	111433	48.237	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	315354	47.459	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	70482	55.879	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	162432	46.948	ug/l	99
94) Hexachlorobutadiene	15.298	225	65474	42.570	ug/l	100
95) Naphthalene	15.433	128	689864	49.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	174035	48.763	ug/l	97

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

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