

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074376.D
 Acq On : 09 Sep 2022 14:37
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090922

Quant Time: Sep 10 06:13:39 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	351383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	628541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	589349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	308862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	277517	45.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.300%		
35) Dibromofluoromethane	7.945	113	204806	48.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.540%		
50) Toluene-d8	10.375	98	801000	48.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.674	95	317687	52.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	209561	46.020	ug/l	98
3) Chloromethane	2.263	50	284930	52.302	ug/l	97
4) Vinyl Chloride	2.404	62	346469	45.542	ug/l	100
5) Bromomethane	2.781	94	272144	51.192	ug/l	100
6) Chloroethane	2.946	64	261529	56.080	ug/l	94
7) Trichlorofluoromethane	3.304	101	349353	46.507	ug/l	99
8) Diethyl Ether	3.757	74	147890	46.658	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.128	101	217995	48.428	ug/l	97
10) Methyl Iodide	4.346	142	256727	49.336	ug/l	100
11) Tert butyl alcohol	5.275	59	361423	227.287	ug/l	97
12) 1,1-Dichloroethene	4.104	96	203472	46.452	ug/l	93
13) Acrolein	3.975	56	216775	205.226	ug/l	99
14) Allyl chloride	4.751	41	445715	46.389	ug/l	99
15) Acrylonitrile	5.469	53	866359	238.139	ug/l	100
16) Acetone	4.216	43	776094	236.461	ug/l	98
17) Carbon Disulfide	4.451	76	567564	47.676	ug/l	100
18) Methyl Acetate	4.763	43	438160	45.286	ug/l	97
19) Methyl tert-butyl Ether	5.522	73	846011	47.987	ug/l	99
20) Methylene Chloride	5.004	84	244123	50.715	ug/l	96
21) trans-1,2-Dichloroethene	5.504	96	222607	45.353	ug/l	95
22) Diisopropyl ether	6.404	45	942579	48.723	ug/l	96
23) Vinyl Acetate	6.340	43	4335549	251.120	ug/l	99
24) 1,1-Dichloroethane	6.292	63	467553	47.036	ug/l	98
25) 2-Butanone	7.251	43	1320793	239.731	ug/l	100
26) 2,2-Dichloropropane	7.239	77	435277	48.404	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	271376	44.877	ug/l	97
28) Bromochloromethane	7.581	49	144323	48.404	ug/l	98
29) Tetrahydrofuran	7.604	42	861661	236.590	ug/l	99
30) Chloroform	7.739	83	473713	47.743	ug/l	95
31) Cyclohexane	8.022	56	453322	46.885	ug/l	94
32) 1,1,1-Trichloroethane	7.934	97	423944	47.627	ug/l	98
36) 1,1-Dichloropropene	8.145	75	357062	51.078	ug/l	98
37) Ethyl Acetate	7.334	43	514909	50.777	ug/l	97
38) Carbon Tetrachloride	8.128	117	368140	51.011	ug/l	92
39) Methylcyclohexane	9.392	83	452274	51.048	ug/l	97
40) Benzene	8.386	78	1093935	51.110	ug/l	98

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41) Methacrylonitrile	7.557	41	225248	44.765	ug/l #	81
42) 1,2-Dichloroethane	8.457	62	409717	50.073	ug/l	98
43) Isopropyl Acetate	8.492	43	831954	50.167	ug/l	99
44) Trichloroethene	9.145	130	242841	50.609	ug/l	97
45) 1,2-Dichloropropane	9.422	63	288020	50.693	ug/l	99
46) Dibromomethane	9.510	93	199637	51.317	ug/l	95
47) Bromodichloromethane	9.698	83	391665	50.510	ug/l	94
48) Methyl methacrylate	9.492	41	372727	50.998	ug/l	95
49) 1,4-Dioxane	9.504	88	147832	959.829	ug/l	100
51) 4-Methyl-2-Pentanone	10.269	43	2729374	251.665	ug/l	100
52) Toluene	10.439	92	698435	52.766	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	465320	54.396	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	470545	51.599	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	279702	51.264	ug/l	99
56) Ethyl methacrylate	10.698	69	495334	53.431	ug/l	99
57) 1,3-Dichloropropane	10.986	76	492300	51.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1091665	253.139	ug/l	100
59) 2-Hexanone	11.027	43	2149320	256.811	ug/l	98
60) Dibromochloromethane	11.175	129	300852	54.462	ug/l	99
61) 1,2-Dibromoethane	11.286	107	295837	52.704	ug/l	99
64) Tetrachloroethene	10.916	164	207582	51.957	ug/l	96
65) Chlorobenzene	11.710	112	720915	50.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	270240	48.682	ug/l	99
67) Ethyl Benzene	11.786	91	1393797	51.927	ug/l	97
68) m/p-Xylenes	11.892	106	1068632	105.905	ug/l	98
69) o-Xylene	12.221	106	529302	52.185	ug/l	98
70) Styrene	12.233	104	877610	54.424	ug/l	98
71) Bromoform	12.398	173	221432	53.256	ug/l #	99
73) Isopropylbenzene	12.521	105	1380330	46.516	ug/l	100
74) N-amyl acetate	12.327	43	778556	51.604	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	489917	43.931	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	376020m	46.571	ug/l	
77) Bromobenzene	12.798	156	300219	47.127	ug/l	96
78) n-propylbenzene	12.863	91	1700291	50.016	ug/l	98
79) 2-Chlorotoluene	12.951	91	985076	47.528	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	1185340	48.147	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	177293	48.944	ug/l	99
82) 4-Chlorotoluene	13.045	91	995450	49.777	ug/l	100
83) tert-Butylbenzene	13.263	119	1046831	47.230	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1199583	49.161	ug/l	98
85) sec-Butylbenzene	13.445	105	1514590	50.214	ug/l	99
86) p-Isopropyltoluene	13.557	119	1224524	50.720	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	591027	50.180	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	581469	48.871	ug/l	98
89) n-Butylbenzene	13.886	91	1117714	54.404	ug/l	98
90) Hexachloroethane	14.151	117	245760	48.184	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	581574	46.952	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	123159	48.900	ug/l	99
93) 1,2,4-Trichlorobenzene	15.198	180	312495	50.629	ug/l	98
94) Hexachlorobutadiene	15.304	225	138546	49.524	ug/l	98
95) Naphthalene	15.439	128	1210407	50.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	317594	49.723	ug/l	98

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

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