

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072990.D
 Acq On : 21 Jun 2022 17:57
 Operator : JC\MD
 Sample : N3370-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS

Quant Time: Jun 22 07:02:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	261969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	453302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	403477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	187671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184912	52.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	7.951	113	142940	51.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	10.375	98	538692	51.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.669	95	196497	52.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	126458	50.699	ug/l	97
3) Chloromethane	2.263	50	120242	44.905	ug/l	98
4) Vinyl Chloride	2.405	62	112483	50.286	ug/l	99
5) Bromomethane	2.793	94	47465	53.904	ug/l	99
6) Chloroethane	2.957	64	73996	52.876	ug/l	95
7) Trichlorofluoromethane	3.310	101	214296	58.830	ug/l	99
8) Diethyl Ether	3.769	74	94856	50.457	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	127766	50.742	ug/l	99
10) Methyl Iodide	4.351	142	107738	37.330	ug/l	97
11) Tert butyl alcohol	5.298	59	232562	254.199	ug/l	100
12) 1,1-Dichloroethene	4.116	96	121964	48.627	ug/l	99
13) Acrolein	3.987	56	80485	223.371	ug/l	99
14) Allyl chloride	4.763	41	264700	49.397	ug/l #	93
15) Acrylonitrile	5.481	53	555096	263.204	ug/l	100
16) Acetone	4.222	43	491612	252.513	ug/l	94
17) Carbon Disulfide	4.457	76	270323	42.065	ug/l	99
18) Methyl Acetate	4.781	43	247636	47.765	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	556991	59.131	ug/l	98
20) Methylene Chloride	5.016	84	150935	49.982	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	129180	47.349	ug/l	96
22) Diisopropyl ether	6.416	45	553446	55.401	ug/l	96
23) Vinyl Acetate	6.351	43	2407361	261.054	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	272154	51.964	ug/l	97
25) 2-Butanone	7.263	43	793799	256.943	ug/l	90
26) 2,2-Dichloropropane	7.251	77	204253	46.946	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	168516	51.699	ug/l	98
28) Bromochloromethane	7.587	49	115072	53.126	ug/l	85
29) Tetrahydrofuran	7.610	42	538108	263.764	ug/l	87
30) Chloroform	7.745	83	279253	52.669	ug/l	97
31) Cyclohexane	8.022	56	220766	46.080	ug/l	94
32) 1,1,1-Trichloroethane	7.940	97	243413	52.316	ug/l	99
36) 1,1-Dichloropropene	8.151	75	188295	49.666	ug/l	99
37) Ethyl Acetate	7.340	43	310110	51.139	ug/l	95
38) Carbon Tetrachloride	8.140	117	200012	50.156	ug/l	99
39) Methylcyclohexane	9.392	83	223943	49.006	ug/l	93
40) Benzene	8.387	78	604748	50.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	155338	54.019	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	229050	54.125	ug/l	98
43) Isopropyl Acetate	8.492	43	519774	59.963	ug/l #	89
44) Trichloroethene	9.151	130	146523	48.527	ug/l	97
45) 1,2-Dichloropropane	9.422	63	159666	52.426	ug/l	99
46) Dibromomethane	9.510	93	109724	53.282	ug/l	94
47) Bromodichloromethane	9.698	83	223005	54.490	ug/l	98
48) Methyl methacrylate	9.492	41	213418	53.926	ug/l	90
49) 1,4-Dioxane	9.504	88	85460	959.701	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1538671	272.205	ug/l	91
52) Toluene	10.439	92	381624	52.170	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	239571	54.431	ug/l	100
54) cis-1,3-Dichloropropene	10.122	75	248782	51.748	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	165129	51.412	ug/l	99
56) Ethyl methacrylate	10.698	69	275966	53.605	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	277917	52.155	ug/l	100
59) 2-Hexanone	11.022	43	1198415	274.113	ug/l	89
60) Dibromochloromethane	11.175	129	171324	56.440	ug/l	100
61) 1,2-Dibromoethane	11.280	107	170757	53.928	ug/l	99
64) Tetrachloroethene	10.910	164	119494	48.683	ug/l	95
65) Chlorobenzene	11.704	112	404947	51.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	158044	52.697	ug/l	98
67) Ethyl Benzene	11.780	91	742125	53.501	ug/l	99
68) m/p-Xylenes	11.892	106	563135	103.509	ug/l	96
69) o-Xylene	12.216	106	284679	52.366	ug/l	98
70) Styrene	12.233	104	471656	54.026	ug/l	99
71) Bromoform	12.398	173	125937	55.692	ug/l #	99
73) Isopropylbenzene	12.516	105	745403	51.341	ug/l	99
74) N-amyl acetate	12.327	43	377117	50.053	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	266074	50.887	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	209868m	46.124	ug/l	
77) Bromobenzene	12.792	156	173161	49.785	ug/l	89
78) n-propylbenzene	12.857	91	849987	53.225	ug/l	98
79) 2-Chlorotoluene	12.945	91	526730	50.934	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	614267	51.507	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	84663	50.251	ug/l	96
82) 4-Chlorotoluene	13.039	91	511613	52.289	ug/l	97
83) tert-Butylbenzene	13.257	119	563638	51.604	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	616533	51.904	ug/l	98
85) sec-Butylbenzene	13.439	105	774647	53.166	ug/l	99
86) p-Isopropyltoluene	13.551	119	632499	53.618	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	316122	50.908	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	312898	49.785	ug/l	99
89) n-Butylbenzene	13.874	91	521520	54.143	ug/l	99
90) Hexachloroethane	14.145	117	118763	53.404	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	325386	50.245	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	66834	50.688	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	178715	49.866	ug/l	98
94) Hexachlorobutadiene	15.292	225	73982	47.437	ug/l	99
95) Naphthalene	15.427	128	717936	49.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	187449	48.980	ug/l	99

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

