

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073041.D
 Acq On : 23 Jun 2022 12:13
 Operator : JC\MD
 Sample : N3381-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6MS

Quant Time: Jun 24 01:17:15 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 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	168229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	331291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	282261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	114402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	164881	72.494	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 144.980%#			
35) Dibromofluoromethane	7.951	113	125045	61.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 122.140%			
50) Toluene-d8	10.375	98	374451	49.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.280%			
62) 4-Bromofluorobenzene	12.669	95	132022	48.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	60648	37.864	ug/l	99
3) Chloromethane	2.269	50	99898	57.929	ug/l	100
4) Vinyl Chloride	2.410	62	76770	53.445	ug/l	97
5) Bromomethane	2.787	94	35564	62.894	ug/l	95
6) Chloroethane	2.957	64	56683	63.074	ug/l	100
7) Trichlorofluoromethane	3.316	101	114715	49.040	ug/l	100
8) Diethyl Ether	3.769	74	89073	73.782	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	63799	39.456	ug/l	98
10) Methyl Iodide	4.351	142	78690	42.458	ug/l	97
11) Tert butyl alcohol	5.287	59	196739	334.869	ug/l	100
12) 1,1-Dichloroethene	4.116	96	77864	48.343	ug/l	97
13) Acrolein	3.975	56	66509	287.436	ug/l	94
14) Allyl chloride	4.763	41	207321	60.247	ug/l #	92
15) Acrylonitrile	5.475	53	534771	394.858	ug/l	100
16) Acetone	4.216	43	560138	448.028	ug/l	93
17) Carbon Disulfide	4.457	76	162098	39.280	ug/l	99
18) Methyl Acetate	4.775	43	203998	61.274	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	475433	78.597	ug/l	99
20) Methylene Chloride	5.010	84	134240	69.317	ug/l	88
21) trans-1,2-Dichloroethene	5.510	96	93401	53.311	ug/l	96
22) Diisopropyl ether	6.416	45	496213	77.350	ug/l	92
23) Vinyl Acetate	6.351	43	1869943	315.767	ug/l	94
24) 1,1-Dichloroethane	6.304	63	225888	67.163	ug/l	99
25) 2-Butanone	7.257	43	757125	381.630	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	95619	34.065	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	133675	63.862	ug/l	99
28) Bromochloromethane	7.581	49	95065	68.345	ug/l	86
29) Tetrahydrofuran	7.610	42	504027	384.723	ug/l	87
30) Chloroform	7.745	83	234486	68.869	ug/l	98
31) Cyclohexane	8.022	56	112829	36.673	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	158820	53.155	ug/l	99
36) 1,1-Dichloropropene	8.145	75	112325	40.539	ug/l	97
37) Ethyl Acetate	7.340	43	260403	58.757	ug/l #	95
38) Carbon Tetrachloride	8.134	117	117216	40.219	ug/l	97
39) Methylcyclohexane	9.386	83	102839	30.793	ug/l	90
40) Benzene	8.386	78	467875	53.731	ug/l	99

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41) Methacrylonitrile	7.563	41	153473	73.026	ug/l #	83
42) 1,2-Dichloroethane	8.457	62	202847	65.586	ug/l	98
43) Isopropyl Acetate	8.492	43	400017	63.143	ug/l	94
44) Trichloroethene	9.145	130	97135	44.018	ug/l	95
45) 1,2-Dichloropropane	9.422	63	135842	61.030	ug/l	99
46) Dibromomethane	9.510	93	99675	66.229	ug/l	92
47) Bromodichloromethane	9.692	83	187748	62.770	ug/l	99
48) Methyl methacrylate	9.492	41	208908	72.227	ug/l	89
49) 1,4-Dioxane	9.504	88	74707	1147.922	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1478978	358.006	ug/l	91
52) Toluene	10.439	92	256920	48.057	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	189132	58.797	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	192724	54.851	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	145116	61.820	ug/l	99
56) Ethyl methacrylate	10.698	69	253636	67.412	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	245409	63.016	ug/l	100
59) 2-Hexanone	11.022	43	1125188	352.148	ug/l	90
60) Dibromochloromethane	11.175	129	145790	65.716	ug/l	100
61) 1,2-Dibromoethane	11.280	107	147526	63.750	ug/l	100
64) Tetrachloroethene	10.910	164	67033	39.038	ug/l	90
65) Chlorobenzene	11.704	112	273805	49.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.775	131	120949	57.647	ug/l	98
67) Ethyl Benzene	11.780	91	446035	45.965	ug/l	99
68) m/p-Xylenes	11.886	106	345093	90.671	ug/l	97
69) o-Xylene	12.216	106	184475	48.506	ug/l	98
70) Styrene	12.227	104	302840	49.586	ug/l	98
71) Bromoform	12.392	173	108526	68.602	ug/l #	99
73) Isopropylbenzene	12.516	105	417368	47.158	ug/l	99
74) N-amyl acetate	12.322	43	275316	59.945	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	237765	74.596	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	178789m	64.459	ug/l	
77) Bromobenzene	12.792	156	117755	55.538	ug/l	81
78) n-propylbenzene	12.857	91	457812	47.027	ug/l	97
79) 2-Chlorotoluene	12.939	91	310809	49.304	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	350195	48.171	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	65173	63.457	ug/l	95
82) 4-Chlorotoluene	13.039	91	295208	49.495	ug/l	100
83) tert-Butylbenzene	13.257	119	298669	44.858	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	354894	49.012	ug/l	98
85) sec-Butylbenzene	13.433	105	395212	44.497	ug/l	98
86) p-Isopropyltoluene	13.551	119	321343	44.688	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	188778	49.871	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	188276	49.142	ug/l	99
89) n-Butylbenzene	13.874	91	250058	42.587	ug/l	98
90) Hexachloroethane	14.145	117	62935	46.424	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	208525	52.823	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	55072	68.547	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	96168	44.019	ug/l	98
94) Hexachlorobutadiene	15.298	225	34805	36.610	ug/l	98
95) Naphthalene	15.427	128	463437	52.438	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	104097	44.621	ug/l	98

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

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