

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073723.D
 Acq On : 03 Aug 2022 19:56
 Operator : JC\MD
 Sample : N3971-20MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 05:38:33 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	339632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	551912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	528994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	263909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	217133	52.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.920%			
35) Dibromofluoromethane	7.951	113	186035	53.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.360%			
50) Toluene-d8	10.380	98	732320	53.698	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.674	95	244079	52.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	144119	43.749	ug/l	99
3) Chloromethane	2.263	50	201792	51.018	ug/l	100
4) Vinyl Chloride	2.404	62	258083	44.796	ug/l	100
5) Bromomethane	2.781	94	117484	35.160	ug/l	97
6) Chloroethane	2.951	64	178660	53.308	ug/l	100
7) Trichlorofluoromethane	3.304	101	362336	61.023	ug/l	100
8) Diethyl Ether	3.763	74	109856	49.273	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	158000	48.096	ug/l	99
10) Methyl Iodide	4.340	142	119473	35.774	ug/l	95
11) Tert butyl alcohol	5.292	59	238493	267.181	ug/l	100
12) 1,1-Dichloroethene	4.110	96	158290	49.123	ug/l	94
13) Acrolein	3.975	56	255620	288.854	ug/l	99
14) Allyl chloride	4.763	41	247683	48.077	ug/l	98
15) Acrylonitrile	5.475	53	676623	274.028	ug/l	99
16) Acetone	4.222	43	600313	270.037	ug/l	96
17) Carbon Disulfide	4.451	76	399925	46.807	ug/l	99
18) Methyl Acetate	4.775	43	254979	46.102	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	574266	52.166	ug/l	99
20) Methylene Chloride	5.016	84	196303	54.795	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	172954	49.583	ug/l	97
22) Diisopropyl ether	6.410	45	571396	51.409	ug/l	99
23) Vinyl Acetate	6.351	43	2096520	224.981	ug/l	100
24) 1,1-Dichloroethane	6.304	63	336521	49.215	ug/l	98
25) 2-Butanone	7.263	43	926975	268.503	ug/l	99
26) 2,2-Dichloropropane	7.251	77	170456	32.401	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	215086	50.047	ug/l	93
28) Bromochloromethane	7.586	49	139714	48.663	ug/l	96
29) Tetrahydrofuran	7.610	42	608004	278.548	ug/l	100
30) Chloroform	7.745	83	356171	49.994	ug/l	96
31) Cyclohexane	8.028	56	291266	47.268	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	295244	49.911	ug/l	99
36) 1,1-Dichloropropene	8.151	75	249651	50.543	ug/l	99
37) Ethyl Acetate	7.339	43	382988	58.876	ug/l	98
38) Carbon Tetrachloride	8.133	117	253249	50.481	ug/l	96
39) Methylcyclohexane	9.392	83	293066	49.651	ug/l	98
40) Benzene	8.386	78	818768	51.047	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	160340	54.472	ug/l	96
42) 1,2-Dichloroethane	8.463	62	274899	50.853	ug/l	99
43) Isopropyl Acetate	8.498	43	435238	49.536	ug/l	99
44) Trichloroethene	9.151	130	202362	49.751	ug/l	98
45) 1,2-Dichloropropane	9.427	63	202957	50.623	ug/l	98
46) Dibromomethane	9.516	93	145109	52.150	ug/l	98
47) Bromodichloromethane	9.704	83	276117	51.702	ug/l	97
48) Methyl methacrylate	9.498	41	213521	55.518	ug/l	90
49) 1,4-Dioxane	9.510	88	122992	1134.475	ug/l	95
51) 4-Methyl-2-Pentanone	10.274	43	1798930	285.462	ug/l	99
52) Toluene	10.445	92	521722	53.252	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	267353	50.674	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	290908	48.931	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	218275	53.427	ug/l	98
56) Ethyl methacrylate	10.704	69	335541	59.590	ug/l	99
57) 1,3-Dichloropropane	10.986	76	362633	52.316	ug/l	100
59) 2-Hexanone	11.027	43	1414747	296.312	ug/l	99
60) Dibromochloromethane	11.180	129	222885	54.838	ug/l	100
61) 1,2-Dibromoethane	11.286	107	223733	53.172	ug/l	99
64) Tetrachloroethene	10.916	164	187700	44.647	ug/l	98
65) Chlorobenzene	11.710	112	561109	49.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	208560	51.749	ug/l	98
67) Ethyl Benzene	11.786	91	995555	52.519	ug/l	100
68) m/p-Xylenes	11.892	106	775781	107.302	ug/l	100
69) o-Xylene	12.221	106	386096	54.776	ug/l	98
70) Styrene	12.239	104	640078	56.728	ug/l	98
71) Bromoform	12.398	173	180070	54.131	ug/l #	99
73) Isopropylbenzene	12.521	105	995718	51.541	ug/l	99
74) N-amyl acetate	12.333	43	328055	44.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	357869	48.005	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	262926m	54.686	ug/l	
77) Bromobenzene	12.804	156	248906	49.475	ug/l	98
78) n-propylbenzene	12.863	91	1138982	52.397	ug/l	99
79) 2-Chlorotoluene	12.945	91	673768	49.662	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	830160	52.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	92648	45.495	ug/l	98
82) 4-Chlorotoluene	13.045	91	650379	50.581	ug/l	99
83) tert-Butylbenzene	13.263	119	759536	53.937	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	830970	53.156	ug/l	99
85) sec-Butylbenzene	13.439	105	1039113	53.390	ug/l	100
86) p-Isopropyltoluene	13.557	119	852568	55.567	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	449350	48.932	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	441411	48.042	ug/l	99
89) n-Butylbenzene	13.886	91	672611	53.878	ug/l	98
90) Hexachloroethane	14.151	117	150526	49.448	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	460704	49.508	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	77096	51.472	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	244484	52.906	ug/l	99
94) Hexachlorobutadiene	15.304	225	122306	48.684	ug/l	98
95) Naphthalene	15.433	128	855102	57.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	256119	52.660	ug/l	100

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

