

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073699.D
 Acq On : 02 Aug 2022 20:07
 Operator : JC\MD
 Sample : N3971-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7RMS

Quant Time: Aug 03 02:11:11 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/03/2022
 Supervised By : Mahesh Dadoda 08/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	347557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	563807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	532610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	265974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218557	51.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.200%			
35) Dibromofluoromethane	7.951	113	187641	53.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.000%			
50) Toluene-d8	10.381	98	742945	53.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.675	95	241168	51.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	149632	44.387	ug/l	100
3) Chloromethane	2.264	50	211971	52.440	ug/l	97
4) Vinyl Chloride	2.405	62	266560	45.212	ug/l	99
5) Bromomethane	2.781	94	109389	31.991	ug/l	99
6) Chloroethane	2.952	64	182541	53.220	ug/l	99
7) Trichlorofluoromethane	3.305	101	367456	60.475	ug/l	99
8) Diethyl Ether	3.764	74	109859	48.151	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	158907	47.269	ug/l	99
10) Methyl Iodide	4.346	142	107767	31.533	ug/l	98
11) Tert butyl alcohol	5.299	59	236123	258.494	ug/l	100
12) 1,1-Dichloroethene	4.111	96	158721	48.134	ug/l	93
13) Acrolein	3.975	56	255614	282.261	ug/l	97
14) Allyl chloride	4.758	41	251072	47.623	ug/l	98
15) Acrylonitrile	5.475	53	671487	265.747	ug/l	100
16) Acetone	4.222	43	589945	259.322	ug/l	98
17) Carbon Disulfide	4.452	76	408576	46.729	ug/l	99
18) Methyl Acetate	4.775	43	256770	45.367	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	586149	52.032	ug/l	99
20) Methylene Chloride	5.016	84	198430	54.098	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	182554	51.142	ug/l	91
22) Diisopropyl ether	6.410	45	575574	50.604	ug/l	98
23) Vinyl Acetate	6.352	43	2223681	233.185	ug/l	100
24) 1,1-Dichloroethane	6.305	63	341536	48.809	ug/l	98
25) 2-Butanone	7.257	43	921699	260.887	ug/l	99
26) 2,2-Dichloropropane	7.252	77	187933	34.909	ug/l	96
27) cis-1,2-Dichloroethene	7.246	96	220272	50.085	ug/l	92
28) Bromochloromethane	7.587	49	149691	50.949	ug/l	99
29) Tetrahydrofuran	7.610	42	614086	274.919	ug/l	99
30) Chloroform	7.746	83	364537	50.002	ug/l	100
31) Cyclohexane	8.022	56	292455	46.379	ug/l	99
32) 1,1,1-Trichloroethane	7.946	97	302675	50.001	ug/l	99
36) 1,1-Dichloropropene	8.151	75	252116	49.965	ug/l	99
37) Ethyl Acetate	7.340	43	385597	58.026	ug/l	98
38) Carbon Tetrachloride	8.134	117	250612	48.902	ug/l	97
39) Methylcyclohexane	9.393	83	305749	50.707	ug/l	98
40) Benzene	8.387	78	827692	50.514	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	141871	47.181	ug/l	93
42) 1,2-Dichloroethane	8.463	62	277160	50.190	ug/l	99
43) Isopropyl Acetate	8.499	43	447477	49.855	ug/l	100
44) Trichloroethene	9.151	130	203293	48.926	ug/l	98
45) 1,2-Dichloropropane	9.428	63	204501	49.932	ug/l	99
46) Dibromomethane	9.516	93	146252	51.452	ug/l	99
47) Bromodichloromethane	9.698	83	282213	51.729	ug/l	97
48) Methyl methacrylate	9.498	41	214165	54.511	ug/l	88
49) 1,4-Dioxane	9.510	88	121458	1096.689	ug/l	93
51) 4-Methyl-2-Pentanone	10.275	43	1790221	278.086	ug/l	100
52) Toluene	10.445	92	529808	52.936	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	280747	52.090	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	298409	49.133	ug/l	99
55) 1,1,2-Trichloroethane	10.840	97	221343	53.035	ug/l	99
56) Ethyl methacrylate	10.704	69	341716	59.406	ug/l	99
57) 1,3-Dichloropropane	10.987	76	366971	51.825	ug/l	100
59) 2-Hexanone	11.028	43	1410992	289.291	ug/l	100
60) Dibromochloromethane	11.181	129	225731	54.367	ug/l	99
61) 1,2-Dibromoethane	11.287	107	232061	53.988	ug/l	99
64) Tetrachloroethene	10.916	164	189601	44.793	ug/l	98
65) Chlorobenzene	11.710	112	566256	50.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.781	131	210353	51.840	ug/l	99
67) Ethyl Benzene	11.787	91	1019959	53.441	ug/l	99
68) m/p-Xylenes	11.898	106	792380	108.854	ug/l	99
69) o-Xylene	12.222	106	391274	55.134	ug/l	99
70) Styrene	12.234	104	655984	57.743	ug/l	98
71) Bromoform	12.398	173	181536	54.201	ug/l #	100
73) Isopropylbenzene	12.522	105	1010331	51.892	ug/l	100
74) N-amyl acetate	12.328	43	349000	47.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	361305	48.089	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	268061m	55.362	ug/l	
77) Bromobenzene	12.798	156	251945	49.690	ug/l	98
78) n-propylbenzene	12.863	91	1146598	52.338	ug/l	100
79) 2-Chlorotoluene	12.945	91	687857	50.307	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	847310	52.882	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	97034	47.279	ug/l	99
82) 4-Chlorotoluene	13.045	91	656802	50.683	ug/l	97
83) tert-Butylbenzene	13.263	119	771664	54.373	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	846082	53.703	ug/l	99
85) sec-Butylbenzene	13.439	105	1049127	53.486	ug/l	100
86) p-Isopropyltoluene	13.557	119	862529	55.780	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	455691	49.238	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	446314	48.198	ug/l	98
89) n-Butylbenzene	13.881	91	680389	54.078	ug/l	98
90) Hexachloroethane	14.151	117	153782	50.125	ug/l	99
91) 1,2-Dichlorobenzene	13.928	146	461506	49.210	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	76622	50.758	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	248106	53.273	ug/l	99
94) Hexachlorobutadiene	15.304	225	120258	47.497	ug/l	99
95) Naphthalene	15.433	128	877299	58.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	259078	52.855	ug/l	99

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

