

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072142.D
 Acq On : 21 Apr 2022 21:58
 Operator : JC\MD
 Sample : N2481-11MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MS

Quant Time: Apr 22 01:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	502328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	768535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	681986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	293064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	269815	47.050	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.100%			
35) Dibromofluoromethane	8.016	113	242805	53.690	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.380%			
50) Toluene-d8	10.439	98	960526	51.920	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.727	95	311883	52.126	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	223172	55.883	ug/l	99
3) Chloromethane	2.299	50	236081	46.652	ug/l	99
4) Vinyl Chloride	2.440	62	230292	41.439	ug/l	100
5) Bromomethane	2.822	94	122812	33.996	ug/l	99
6) Chloroethane	2.993	64	147238	36.829	ug/l	98
7) Trichlorofluoromethane	3.363	101	352996	49.926	ug/l	99
8) Diethyl Ether	3.822	74	153845	51.486	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.204	101	215407	49.438	ug/l	96
10) Methyl Iodide	4.416	142	310768	51.024	ug/l	100
11) Tert butyl alcohol	5.375	59	250179	268.825	ug/l	99
12) 1,1-Dichloroethene	4.181	96	210548	50.780	ug/l	90
13) Acrolein	4.040	56	206465	181.950	ug/l	98
14) Allyl chloride	4.840	41	314149	46.681	ug/l	93
15) Acrylonitrile	5.545	53	730435	270.025	ug/l	99
16) Acetone	4.287	43	569393	232.331	ug/l	92
17) Carbon Disulfide	4.528	76	498016	52.350	ug/l	99
18) Methyl Acetate	4.857	43	277402	45.575	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	768344	49.881	ug/l	97
20) Methylene Chloride	5.093	84	262794	50.873	ug/l	95
21) trans-1,2-Dichloroethene	5.593	96	231013	50.754	ug/l	95
22) Diisopropyl ether	6.492	45	703621	48.027	ug/l	94
23) Vinyl Acetate	6.428	43	2671299	229.289	ug/l	96
24) 1,1-Dichloroethane	6.381	63	434195	50.484	ug/l	98
25) 2-Butanone	7.328	43	888318	251.426	ug/l	95
26) 2,2-Dichloropropane	7.322	77	295559	40.003	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	283871	50.859	ug/l	95
28) Bromochloromethane	7.657	49	156113	44.997	ug/l	94
29) Tetrahydrofuran	7.681	42	583885	255.224	ug/l	94
30) Chloroform	7.816	83	448690	49.407	ug/l	96
31) Cyclohexane	8.092	56	373162	47.849	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	378935	48.774	ug/l	97
36) 1,1-Dichloropropene	8.216	75	320084	50.684	ug/l	99
37) Ethyl Acetate	7.410	43	393943	56.991	ug/l	96
38) Carbon Tetrachloride	8.204	117	320751	51.823	ug/l	99
39) Methylcyclohexane	9.457	83	399389	53.127	ug/l	98
40) Benzene	8.457	78	1051536	52.709	ug/l	99

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41) Methacrylonitrile	7.634	41	178262	52.669	ug/l	94
42) 1,2-Dichloroethane	8.528	62	331458	48.030	ug/l	97
43) Isopropyl Acetate	8.557	43	509171	44.286	ug/l	95
44) Trichloroethene	9.210	130	262569	51.087	ug/l	96
45) 1,2-Dichloropropane	9.486	63	260046	52.178	ug/l	99
46) Dibromomethane	9.575	93	175835	51.963	ug/l	98
47) Bromodichloromethane	9.757	83	349160	52.418	ug/l	97
48) Methyl methacrylate	9.557	41	249569	52.320	ug/l	89
49) 1,4-Dioxane	9.563	88	127864	1131.721	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	1811118	273.982	ug/l	95
52) Toluene	10.498	92	687789	54.539	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	366105	52.442	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	399936	51.848	ug/l	91
55) 1,1,2-Trichloroethane	10.892	97	276909	53.353	ug/l	98
56) Ethyl methacrylate	10.757	69	436052	58.894	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	460397	53.055	ug/l	99
59) 2-Hexanone	11.080	43	1273063	273.540	ug/l	93
60) Dibromochloromethane	11.233	129	274685	54.278	ug/l	99
61) 1,2-Dibromoethane	11.339	107	272181	53.275	ug/l	100
64) Tetrachloroethene	10.975	164	232353	51.595	ug/l	98
65) Chlorobenzene	11.769	112	710137	52.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	258696	52.499	ug/l	99
67) Ethyl Benzene	11.839	91	1230032	53.208	ug/l	98
68) m/p-Xylenes	11.951	106	972620	109.501	ug/l	98
69) o-Xylene	12.274	106	480966	54.555	ug/l	98
70) Styrene	12.292	104	766910	57.413	ug/l	99
71) Bromoform	12.451	173	218413	58.204	ug/l	99
73) Isopropylbenzene	12.574	105	1216172	49.246	ug/l	99
74) N-amyl acetate	12.380	43	316349	44.709	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	382734	46.449	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	291262m	42.902	ug/l	
77) Bromobenzene	12.857	156	297067	47.985	ug/l	95
78) n-propylbenzene	12.916	91	1325422	51.022	ug/l	99
79) 2-Chlorotoluene	13.004	91	843632	50.639	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1038557	53.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	103586	47.283	ug/l	94
82) 4-Chlorotoluene	13.098	91	778215	50.395	ug/l	100
83) tert-Butylbenzene	13.321	119	931076	52.056	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1030299	53.967	ug/l	99
85) sec-Butylbenzene	13.498	105	1223001	52.747	ug/l	99
86) p-Isopropyltoluene	13.610	119	1009596	54.611	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	493481	50.034	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	469870	48.832	ug/l	99
89) n-Butylbenzene	13.939	91	715870	52.209	ug/l	100
90) Hexachloroethane	14.204	117	178408	52.718	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	479893	49.562	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	67218	52.592	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	218344	46.947	ug/l	100
94) Hexachlorobutadiene	15.362	225	130884	45.832	ug/l	98
95) Naphthalene	15.504	128	657492	49.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	222519	49.286	ug/l	99

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

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