

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077074.D
 Acq On : 20 Mar 2023 17:30
 Operator : JC\MD
 Sample : 01941-14MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20230314MS

Quant Time: Mar 21 05:38:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	356032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	639043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	581922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	268418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	288778	50.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.560%			
35) Dibromofluoromethane	8.172	113	224222	50.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	10.572	98	840338	52.566	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.854	95	309127	54.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	138632	41.004	ug/l	95
3) Chloromethane	2.372	50	148315	41.346	ug/l	99
4) Vinyl Chloride	2.525	62	185772	47.978	ug/l	96
5) Bromomethane	2.949	94	127551	48.769	ug/l	100
6) Chloroethane	3.125	64	119265	48.678	ug/l	95
7) Trichlorofluoromethane	3.507	101	399065	47.908	ug/l	100
8) Diethyl Ether	3.972	74	154025	49.133	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	222023	46.988	ug/l	99
10) Methyl Iodide	4.601	142	262588	49.341	ug/l	94
11) Tert butyl alcohol	5.537	59	223794	270.057	ug/l	100
12) 1,1-Dichloroethene	4.354	96	207654	48.040	ug/l	96
13) Acrolein	4.190	56	264292	257.852	ug/l	99
14) Allyl chloride	5.037	41	373755	47.232	ug/l	98
15) Acrylonitrile	5.731	53	719366	258.217	ug/l	99
16) Acetone	4.437	43	567129	223.809	ug/l	98
17) Carbon Disulfide	4.725	76	574567	45.586	ug/l	97
18) Methyl Acetate	5.037	43	459346	48.072	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	776517	50.055	ug/l	97
20) Methylene Chloride	5.290	84	255380	46.437	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	224212	47.857	ug/l	98
22) Diisopropyl ether	6.684	45	852129	49.149	ug/l	99
23) Vinyl Acetate	6.613	43	2659851	243.113	ug/l	99
24) 1,1-Dichloroethane	6.578	63	475379	47.916	ug/l	99
25) 2-Butanone	7.490	43	940072	253.603	ug/l	98
26) 2,2-Dichloropropane	7.495	77	340999	45.680	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	271654	50.626	ug/l	98
28) Bromochloromethane	7.819	49	192504	44.680	ug/l	95
29) Tetrahydrofuran	7.842	42	630892	262.645	ug/l	99
30) Chloroform	7.972	83	466561	48.452	ug/l	98
31) Cyclohexane	8.266	56	430816	46.301	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	402915	48.956	ug/l	100
36) 1,1-Dichloropropene	8.378	75	349525	50.003	ug/l	99
37) Ethyl Acetate	7.566	43	363357	48.584	ug/l	99
38) Carbon Tetrachloride	8.366	117	345648	50.767	ug/l	98
39) Methylcyclohexane	9.607	83	419870	51.318	ug/l	99
40) Benzene	8.613	78	1043217	49.210	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	186022m	46.171	ug/l	
42) 1,2-Dichloroethane	8.672	62	377750	49.312	ug/l	99
43) Isopropyl Acetate	8.695	43	579716	49.620	ug/l	98
44) Trichloroethene	9.354	130	310897	63.848	ug/l	95
45) 1,2-Dichloropropane	9.625	63	280296	49.783	ug/l	97
46) Dibromomethane	9.713	93	174639	49.181	ug/l	99
47) Bromodichloromethane	9.889	83	367238	49.311	ug/l	99
48) Methyl methacrylate	9.683	41	293411	52.532	ug/l	98
49) 1,4-Dioxane	9.695	88	105417	1105.039	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1913925	263.069	ug/l	99
52) Toluene	10.630	92	647191	51.131	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	380768	52.165	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	414912	50.380	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	254605	51.010	ug/l	98
56) Ethyl methacrylate	10.878	69	413825	55.137	ug/l	96
57) 1,3-Dichloropropane	11.166	76	451534	49.412	ug/l	99
59) 2-Hexanone	11.195	43	1406707	266.577	ug/l	100
60) Dibromochloromethane	11.360	129	262299	52.316	ug/l	99
61) 1,2-Dibromoethane	11.472	107	249788	50.466	ug/l	99
64) Tetrachloroethene	11.107	164	187336	47.967	ug/l	96
65) Chlorobenzene	11.895	112	647165	48.335	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	242521	48.951	ug/l	100
67) Ethyl Benzene	11.966	91	1239894	50.982	ug/l	99
68) m/p-Xylenes	12.072	106	929363	103.039	ug/l	100
69) o-Xylene	12.401	106	460876	51.425	ug/l	99
70) Styrene	12.413	104	758731	54.378	ug/l	99
71) Bromoform	12.583	173	176257	52.502	ug/l #	97
73) Isopropylbenzene	12.701	105	1208340	50.233	ug/l	100
74) N-amyl acetate	12.495	43	499492	47.974	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	390184	44.773	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	354195m	51.015	ug/l	
77) Bromobenzene	12.983	156	256223	47.549	ug/l	95
78) n-propylbenzene	13.036	91	1427189	51.396	ug/l	100
79) 2-Chlorotoluene	13.130	91	869343	49.132	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1027313	51.152	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	117207	46.467	ug/l	88
82) 4-Chlorotoluene	13.224	91	833834	49.557	ug/l	100
83) tert-Butylbenzene	13.442	119	864617	51.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1031287	51.457	ug/l	100
85) sec-Butylbenzene	13.619	105	1253320	52.251	ug/l	100
86) p-Isopropyltoluene	13.730	119	1014754	52.680	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	480527	47.183	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	475284	46.906	ug/l	100
89) n-Butylbenzene	14.060	91	880451	52.102	ug/l	99
90) Hexachloroethane	14.336	117	186088	47.516	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	482104	47.491	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	79870	49.460	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	238509	51.973	ug/l	100
94) Hexachlorobutadiene	15.507	225	123857	49.007	ug/l	98
95) Naphthalene	15.642	128	821690	46.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	236913	51.450	ug/l	98

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

