

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076628.D
 Acq On : 13 Feb 2023 13:27
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323

Quant Time: Feb 14 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	403167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	688614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	626396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	310823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	242743	43.603	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.200%		
35) Dibromofluoromethane	8.172	113	206917	45.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.760%		
50) Toluene-d8	10.572	98	795393	47.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.460%		
62) 4-Bromofluorobenzene	12.848	95	273610	49.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	218181	50.966	ug/l	95
3) Chloromethane	2.372	50	248536	44.498	ug/l	97
4) Vinyl Chloride	2.525	62	265950	48.382	ug/l	96
5) Bromomethane	2.949	94	158832	47.687	ug/l	94
6) Chloroethane	3.125	64	165736	47.708	ug/l	97
7) Trichlorofluoromethane	3.507	101	348501	46.596	ug/l	97
8) Diethyl Ether	3.972	74	142083	49.300	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	208400	47.421	ug/l	99
10) Methyl Iodide	4.596	142	279129	51.433	ug/l	97
11) Tert butyl alcohol	5.543	59	182460	248.297	ug/l	96
12) 1,1-Dichloroethene	4.354	96	199552	47.953	ug/l	97
13) Acrolein	4.190	56	279158	253.037	ug/l	97
14) Allyl chloride	5.031	41	364291	50.522	ug/l	97
15) Acrylonitrile	5.731	53	635336	243.619	ug/l	99
16) Acetone	4.437	43	568132	228.461	ug/l	98
17) Carbon Disulfide	4.725	76	531022	48.330	ug/l	97
18) Methyl Acetate	5.031	43	392786	48.389	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	718535	51.214	ug/l	99
20) Methylene Chloride	5.278	84	237801	45.627	ug/l	99
21) trans-1,2-Dichloroethene	5.801	96	217683	46.470	ug/l	93
22) Diisopropyl ether	6.678	45	849518	50.232	ug/l	93
23) Vinyl Acetate	6.613	43	2857946	285.616	ug/l	97
24) 1,1-Dichloroethane	6.578	63	432333	46.644	ug/l	96
25) 2-Butanone	7.490	43	872660	237.900	ug/l	100
26) 2,2-Dichloropropane	7.501	77	335825	50.232	ug/l	97
27) cis-1,2-Dichloroethene	7.490	96	257993	46.435	ug/l	95
28) Bromochloromethane	7.819	49	203590	46.151	ug/l	99
29) Tetrahydrofuran	7.842	42	587868	245.291	ug/l	100
30) Chloroform	7.972	83	433950	46.860	ug/l	92
31) Cyclohexane	8.260	56	407334	46.644	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	377297	48.456	ug/l	99
36) 1,1-Dichloropropene	8.378	75	323263	49.614	ug/l	99
37) Ethyl Acetate	7.566	43	356536	52.009	ug/l	99
38) Carbon Tetrachloride	8.366	117	334941	50.958	ug/l	99
39) Methylcyclohexane	9.601	83	400233	54.040	ug/l	95
40) Benzene	8.613	78	997616	49.858	ug/l	99

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41) Methacrylonitrile	7.784	41	207185	52.169	ug/l	98
42) 1,2-Dichloroethane	8.678	62	336172	48.172	ug/l	99
43) Isopropyl Acetate	8.695	43	589081	52.808	ug/l	99
44) Trichloroethene	9.354	130	244704	51.752	ug/l	98
45) 1,2-Dichloropropane	9.625	63	257973	48.704	ug/l	96
46) Dibromomethane	9.713	93	168958	49.895	ug/l	99
47) Bromodichloromethane	9.889	83	343298	50.566	ug/l	96
48) Methyl methacrylate	9.684	41	283111	53.484	ug/l	97
49) 1,4-Dioxane	9.695	88	94042	1027.039	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	1849474	260.582	ug/l	99
52) Toluene	10.631	92	624480	51.694	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	367081	56.019	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	404893	53.568	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	245571	49.992	ug/l	98
56) Ethyl methacrylate	10.878	69	382637	55.339	ug/l	97
57) 1,3-Dichloropropane	11.166	76	421112	49.898	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	895897	282.920	ug/l	100
59) 2-Hexanone	11.195	43	1343805	262.590	ug/l	99
60) Dibromochloromethane	11.360	129	262347	50.674	ug/l	100
61) 1,2-Dibromoethane	11.472	107	247039	50.243	ug/l	99
64) Tetrachloroethene	11.107	164	197375	50.000	ug/l	94
65) Chlorobenzene	11.895	112	667259	50.264	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.966	131	243622	50.525	ug/l	98
67) Ethyl Benzene	11.966	91	1185207	52.405	ug/l	99
68) m/p-Xylenes	12.072	106	926408	106.269	ug/l	97
69) o-Xylene	12.401	106	462657	54.417	ug/l	97
70) Styrene	12.413	104	762938	55.492	ug/l	99
71) Bromoform	12.583	173	192274	54.362	ug/l	98
73) Isopropylbenzene	12.701	105	1207902	53.020	ug/l	99
74) N-amyl acetate	12.495	43	546925	53.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	374431	45.404	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	315539m	50.213	ug/l	
77) Bromobenzene	12.983	156	282482	49.697	ug/l	98
78) n-propylbenzene	13.036	91	1417249	52.977	ug/l	100
79) 2-Chlorotoluene	13.130	91	830077	50.676	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1004108	53.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	113515	52.613	ug/l	91
82) 4-Chlorotoluene	13.130	91	830077	50.676	ug/l	99
83) tert-Butylbenzene	13.442	119	889152	52.203	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	997201	53.143	ug/l	98
85) sec-Butylbenzene	13.619	105	1296562	54.523	ug/l	99
86) p-Isopropyltoluene	13.730	119	1074327	56.576	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	538202	50.090	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	544748	50.912	ug/l	98
89) n-Butylbenzene	14.060	91	932804	56.480	ug/l	100
90) Hexachloroethane	14.336	117	197675	49.717	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	548591	49.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	72207	45.195	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	309285	56.288	ug/l	99
94) Hexachlorobutadiene	15.507	225	142525	52.924	ug/l	100
95) Naphthalene	15.642	128	978358	58.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	300822	56.510	ug/l	99

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

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