

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078086.D
 Acq On : 07 Jun 2023 00:10
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060623

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 07 05:06:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	483074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	874947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	763438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	298551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	317059	49.226	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.460%		
35) Dibromofluoromethane	8.177	113	276358	49.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.900%		
50) Toluene-d8	10.571	98	1060424	49.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.440%		
62) 4-Bromofluorobenzene	12.853	95	341850	51.561	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	234910	43.019	ug/l	97
3) Chloromethane	2.371	50	248651	48.341	ug/l	96
4) Vinyl Chloride	2.524	62	317068	44.342	ug/l	96
5) Bromomethane	2.959	94	234459	43.387	ug/l	100
6) Chloroethane	3.124	64	217094	44.537	ug/l	93
7) Trichlorofluoromethane	3.506	101	434651	44.825	ug/l	96
8) Diethyl Ether	3.971	74	155952	45.773	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.389	101	232669	45.467	ug/l	98
10) Methyl Iodide	4.600	142	344369	47.585	ug/l	98
11) Tert butyl alcohol	5.530	59	198169	222.825	ug/l	99
12) 1,1-Dichloroethene	4.353	96	237200	44.965	ug/l	91
13) Acrolein	4.189	56	224182	228.716	ug/l	95
14) Allyl chloride	5.030	41	290436	45.103	ug/l	93
15) Acrylonitrile	5.730	53	545341	237.841	ug/l	100
16) Acetone	4.436	43	404576	218.228	ug/l	97
17) Carbon Disulfide	4.724	76	613781	45.204	ug/l	97
18) Methyl Acetate	5.036	43	379214	44.429	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	801091	47.597	ug/l	96
20) Methylene Chloride	5.289	84	268058	43.755	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	262098	46.066	ug/l	85
22) Diisopropyl ether	6.683	45	725979	47.929	ug/l	95
23) Vinyl Acetate	6.612	43	2178189	241.913	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	471994	47.237	ug/l	98
25) 2-Butanone	7.488	43	675687	237.007	ug/l	89
26) 2,2-Dichloropropane	7.500	77	326742	44.286	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	312965	46.115	ug/l	97
28) Bromochloromethane	7.824	49	227437	49.574	ug/l	97
29) Tetrahydrofuran	7.841	42	452733	237.548	ug/l	87
30) Chloroform	7.971	83	516931	48.043	ug/l	93
31) Cyclohexane	8.265	56	378276	45.784	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	462390	48.949	ug/l	97
36) 1,1-Dichloropropene	8.377	75	380453	47.945	ug/l	98
37) Ethyl Acetate	7.565	43	291998	47.104	ug/l #	94
38) Carbon Tetrachloride	8.371	117	403326	48.136	ug/l	98
39) Methylcyclohexane	9.606	83	390622	47.500	ug/l	93
40) Benzene	8.612	78	1141277	48.175	ug/l	98

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41) Methacrylonitrile	7.788	41	151870	45.199	ug/l	93
42) 1,2-Dichloroethane	8.677	62	382996	47.152	ug/l	97
43) Isopropyl Acetate	8.694	43	515992	43.524	ug/l	96
44) Trichloroethene	9.359	130	292398	46.737	ug/l	100
45) 1,2-Dichloropropane	9.629	63	282387	47.910	ug/l	96
46) Dibromomethane	9.718	93	205123	47.248	ug/l	96
47) Bromodichloromethane	9.894	83	394671	48.941	ug/l	98
48) Methyl methacrylate	9.688	41	241061	48.453	ug/l	90
49) 1,4-Dioxane	9.700	88	98129	938.431	ug/l	98
51) 4-Methyl-2-Pentanone	10.453	43	1478427	236.818	ug/l	94
52) Toluene	10.635	92	718608	48.044	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	413385	49.221	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	449418	48.408	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	278053	49.142	ug/l	94
56) Ethyl methacrylate	10.876	69	407863	49.505	ug/l	93
57) 1,3-Dichloropropane	11.171	76	467851	48.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	826355	248.289	ug/l	94
59) 2-Hexanone	11.200	43	1043113	239.969	ug/l	94
60) Dibromochloromethane	11.365	129	302045	48.784	ug/l	99
61) 1,2-Dibromoethane	11.476	107	288934	48.660	ug/l	99
64) Tetrachloroethene	11.112	164	238199	46.768	ug/l	95
65) Chlorobenzene	11.900	112	763191	46.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	286971	47.723	ug/l	99
67) Ethyl Benzene	11.970	91	1353168	47.967	ug/l	96
68) m/p-Xylenes	12.076	106	1017011	94.595	ug/l	97
69) o-Xylene	12.406	106	517149	48.983	ug/l	98
70) Styrene	12.417	104	822451	49.482	ug/l	99
71) Bromoform	12.582	173	190555	49.104	ug/l #	99
73) Isopropylbenzene	12.700	105	1243602	44.049	ug/l	99
74) N-amyl acetate	12.500	43	410664	44.172	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	377154	48.498	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	302577m	42.871	ug/l	
77) Bromobenzene	12.982	156	291422	44.467	ug/l	95
78) n-propylbenzene	13.041	91	1388483	45.267	ug/l	99
79) 2-Chlorotoluene	13.129	91	871374	44.010	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1005909	44.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	104055	45.296	ug/l	90
82) 4-Chlorotoluene	13.229	91	833732	45.118	ug/l	99
83) tert-Butylbenzene	13.441	119	868388	43.706	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1000437	45.145	ug/l	98
85) sec-Butylbenzene	13.623	105	1146533	44.088	ug/l	100
86) p-Isopropyltoluene	13.735	119	951285	45.077	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	485816	43.824	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	475646	44.465	ug/l	99
89) n-Butylbenzene	14.064	91	740567	44.491	ug/l	97
90) Hexachloroethane	14.341	117	166883	44.560	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	488431	45.082	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60258	43.091	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	181437	47.002	ug/l	97
94) Hexachlorobutadiene	15.506	225	92926	49.060	ug/l	97
95) Naphthalene	15.647	128	572464	44.087	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	192567	44.603	ug/l	98

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

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