

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030723\
 Data File : VN076866.D
 Acq On : 07 Mar 2023 12:31
 Operator : JC\MD
 Sample : VN0307WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 07 22:39:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	546983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	948395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	828107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	363852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	373950	48.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.520%		
35) Dibromofluoromethane	8.172	113	293558	49.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.572	98	1179580	51.605	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.220%		
62) 4-Bromofluorobenzene	12.854	95	410528	51.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	104822	16.469	ug/l	99
3) Chloromethane	2.378	50	126333	15.091	ug/l	100
4) Vinyl Chloride	2.531	62	118740	15.475	ug/l	100
5) Bromomethane	2.966	94	77642	15.399	ug/l	100
6) Chloroethane	3.137	64	72433	15.570	ug/l	100
7) Trichlorofluoromethane	3.513	101	181283	16.192	ug/l	99
8) Diethyl Ether	3.972	74	69988	16.251	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.384	101	110035	16.809	ug/l	97
10) Methyl Iodide	4.607	142	116909	17.123	ug/l	95
11) Tert butyl alcohol	5.537	59	89557	78.642	ug/l	98
12) 1,1-Dichloroethene	4.360	96	99743	16.341	ug/l	93
13) Acrolein	4.196	56	142482	96.715	ug/l	98
14) Allyl chloride	5.037	41	161243	15.822	ug/l #	79
15) Acrylonitrile	5.731	53	288472	78.767	ug/l	99
16) Acetone	4.443	43	297453	88.858	ug/l	97
17) Carbon Disulfide	4.731	76	265514	16.023	ug/l	98
18) Methyl Acetate	5.043	43	180075	15.699	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	343861	16.428	ug/l	95
20) Methylene Chloride	5.290	84	119252	15.269	ug/l #	82
21) trans-1,2-Dichloroethene	5.801	96	108806	16.486	ug/l	86
22) Diisopropyl ether	6.684	45	379713	16.562	ug/l #	91
23) Vinyl Acetate	6.613	43	1179378	80.758	ug/l #	90
24) 1,1-Dichloroethane	6.584	63	215779	16.505	ug/l	99
25) 2-Butanone	7.489	43	404466	82.714	ug/l #	82
26) 2,2-Dichloropropane	7.495	77	163746	17.102	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	125125	16.184	ug/l	85
28) Bromochloromethane	7.825	49	97152	17.573	ug/l #	77
29) Tetrahydrofuran	7.842	42	253527	80.370	ug/l #	78
30) Chloroform	7.972	83	214701	16.534	ug/l	100
31) Cyclohexane	8.266	56	208571	16.100	ug/l	86
32) 1,1,1-Trichloroethane	8.178	97	182882	16.264	ug/l	96
36) 1,1-Dichloropropene	8.378	75	162945	17.088	ug/l	96
37) Ethyl Acetate	7.572	43	151717	15.501	ug/l #	92
38) Carbon Tetrachloride	8.372	117	159683	16.484	ug/l	94
39) Methylcyclohexane	9.607	83	200051	17.020	ug/l #	84
40) Benzene	8.613	78	487241	16.774	ug/l	99

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41) Methacrylonitrile	7.784	41	85486	15.994	ug/l #	84
42) 1,2-Dichloroethane	8.678	62	162947	16.104	ug/l	97
43) Isopropyl Acetate	8.695	43	245094	16.357	ug/l #	90
44) Trichloroethene	9.354	130	115178	16.723	ug/l	100
45) 1,2-Dichloropropane	9.625	63	123336	16.431	ug/l	97
46) Dibromomethane	9.713	93	79034	16.577	ug/l	97
47) Bromodichloromethane	9.889	83	161785	16.507	ug/l	96
48) Methyl methacrylate	9.683	41	119832	16.458	ug/l #	76
49) 1,4-Dioxane	9.701	88	42338	317.249	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	779077	82.430	ug/l	91
52) Toluene	10.630	92	300729	17.387	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	164539	17.319	ug/l	97
54) cis-1,3-Dichloropropene	10.319	75	189021	17.321	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	115857	16.839	ug/l	98
56) Ethyl methacrylate	10.877	69	174261	16.999	ug/l #	81
57) 1,3-Dichloropropane	11.166	76	202151	16.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	314233	88.467	ug/l	91
59) 2-Hexanone	11.201	43	582392	85.037	ug/l	88
60) Dibromochloromethane	11.360	129	115249	16.999	ug/l	98
61) 1,2-Dibromoethane	11.472	107	111493	16.860	ug/l	99
64) Tetrachloroethene	11.107	164	109694	17.800	ug/l	97
65) Chlorobenzene	11.895	112	299498	16.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	104506	16.143	ug/l	97
67) Ethyl Benzene	11.966	91	560984	17.264	ug/l	98
68) m/p-Xylenes	12.077	106	433506	35.458	ug/l	94
69) o-Xylene	12.401	106	206529	17.154	ug/l	88
70) Styrene	12.413	104	337006	17.854	ug/l	95
71) Bromoform	12.583	173	73882	16.767	ug/l #	98
73) Isopropylbenzene	12.701	105	544326	17.163	ug/l	97
74) N-amyl acetate	12.495	43	200345	16.152	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.942	83	160055	15.747	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	144579m	15.756	ug/l	
77) Bromobenzene	12.983	156	115464	16.452	ug/l	88
78) n-propylbenzene	13.036	91	635452	17.569	ug/l	96
79) 2-Chlorotoluene	13.130	91	389764	16.799	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	465833	17.524	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.736	75	51928	18.663	ug/l #	89
82) 4-Chlorotoluene	13.224	91	372514	16.936	ug/l	93
83) tert-Butylbenzene	13.442	119	396675	17.463	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	457652	17.454	ug/l	94
85) sec-Butylbenzene	13.618	105	560977	17.688	ug/l	96
86) p-Isopropyltoluene	13.730	119	452890	17.854	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	219197	17.105	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	215758	16.581	ug/l	97
89) n-Butylbenzene	14.060	91	377900	17.244	ug/l	98
90) Hexachloroethane	14.336	117	74457	16.246	ug/l	91
91) 1,2-Dichlorobenzene	14.107	146	219719	16.926	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	28930	15.021	ug/l	90
93) 1,2,4-Trichlorobenzene	15.395	180	112148	17.269	ug/l	98
94) Hexachlorobutadiene	15.507	225	56888	16.824	ug/l	95
95) Naphthalene	15.642	128	357867	17.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	111816	17.518	ug/l	99

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

