

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
 Data File : VN067665.D
 Acq On : 8 Jul 2021 15:52
 Operator : JC/MD
 Sample : VN0708WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:10 PM

Quant Time: Jul 09 03:54:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	348428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	665604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	659482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	297951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	281667	53.490	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.980%			
35) Dibromofluoromethane	8.021	113	197071	49.005	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.020%			
50) Toluene-d8	10.443	98	858268	50.988	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.734	95	309310	52.018	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	56167	18.965	ug/l	96
3) Chloromethane	2.301	50	87602	18.676	ug/l	98
4) Vinyl Chloride	2.443	62	138178	19.519	ug/l	99
5) Bromomethane	2.853	94	115875	21.250	ug/l	97
6) Chloroethane	3.017	64	106729	19.971	ug/l	94
7) Trichlorofluoromethane	3.371	101	256974	22.002	ug/l	97
8) Diethyl Ether	3.816	74	55045	19.533	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.202	101	65710	20.349	ug/l	97
10) Methyl Iodide	4.414	142	74683	19.415	ug/l #	91
11) Tert butyl alcohol	5.385	59	68465	90.479	ug/l	100
12) 1,1-Dichloroethene	4.175	96	61905	19.981	ug/l	91
13) Acrolein	4.039	56	35093	92.517	ug/l	96
14) Allyl chloride	4.832	41	107565	18.887	ug/l	90
15) Acrylonitrile	5.557	53	189897	101.179	ug/l	99
16) Acetone	4.291	43	159259	96.117	ug/l	94
17) Carbon Disulfide	4.524	76	159274	18.559	ug/l	100
18) Methyl Acetate	4.862	43	90091	19.358	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	257431	20.052	ug/l	97
20) Methylene Chloride	5.093	84	82951	21.042	ug/l	93
21) trans-1,2-Dichloroethene	5.594	96	72278	19.732	ug/l	94
22) Diisopropyl ether	6.501	45	257386	19.917	ug/l	99
23) Vinyl Acetate	6.436	43	1084845	98.188	ug/l	97
24) 1,1-Dichloroethane	6.385	63	144262	20.024	ug/l	98
25) 2-Butanone	7.340	43	269671	98.012	ug/l	96
26) 2,2-Dichloropropane	7.324	77	117786	18.708	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	88309	19.265	ug/l	89
28) Bromochloromethane	7.659	49	67605	19.230	ug/l	86
29) Tetrahydrofuran	7.691	42	179530	99.222	ug/l	93
30) Chloroform	7.817	83	156574	19.348	ug/l	99
31) Cyclohexane	8.094	56	136560	18.495	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	137282	19.564	ug/l	100
36) 1,1-Dichloropropene	8.222	75	113324	18.329	ug/l	95
37) Ethyl Acetate	7.421	43	113685	18.977	ug/l	98
38) Carbon Tetrachloride	8.206	117	113753	18.652	ug/l	98
39) Methylcyclohexane	9.462	83	125042	18.474	ug/l	94
40) Benzene	8.461	78	349197	18.868	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	57398	18.642	ug/l	93
42) 1,2-Dichloroethane	8.534	62	133894	19.481	ug/l	98
43) Isopropyl Acetate	8.566	43	202473	19.214	ug/l	98
44) Trichloroethene	9.217	130	87911	18.717	ug/l	90
45) 1,2-Dichloropropane	9.491	63	88582	18.905	ug/l	98
46) Dibromomethane	9.580	93	64808	19.492	ug/l	97
47) Bromodichloromethane	9.765	83	125178	19.259	ug/l	100
48) Methyl methacrylate	9.561	41	86790	18.621	ug/l	88
49) 1,4-Dioxane	9.571	88	30424	349.690	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	632630	97.720	ug/l	97
52) Toluene	10.507	92	240807	19.863	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	129322	17.858	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	136136	18.833	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	91186	19.627	ug/l	96
56) Ethyl methacrylate	10.765	69	141679	19.794	ug/l	92
57) 1,3-Dichloropropane	11.047	76	152047	19.085	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	127623	79.326	ug/l	94
59) 2-Hexanone	11.089	43	448097	99.161	ug/l	96
60) Dibromochloromethane	11.240	129	88960	17.223	ug/l	100
61) 1,2-Dibromoethane	11.350	107	94217	19.863	ug/l	99
64) Tetrachloroethene	10.980	164	87274	18.748	ug/l	97
65) Chlorobenzene	11.773	112	254952	18.823	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	90928	19.085	ug/l	99
67) Ethyl Benzene	11.848	91	468932	19.018	ug/l	96
68) m/p-Xylenes	11.956	106	356999	38.280	ug/l	88
69) o-Xylene	12.283	106	173444	18.916	ug/l	91
70) Styrene	12.296	104	288304	19.656	ug/l	94
71) Bromoform	12.460	173	57900	16.006	ug/l #	99
73) Isopropylbenzene	12.581	105	454954	18.925	ug/l	98
74) N-amyl acetate	12.390	43	161115	18.474	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	136691	19.592	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	120270m	19.766	ug/l	
77) Bromobenzene	12.862	156	101648	19.104	ug/l	80
78) n-propylbenzene	12.924	91	518351	19.064	ug/l	97
79) 2-Chlorotoluene	13.010	91	317959	19.356	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	384799	19.755	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	33678	17.845	ug/l	97
82) 4-Chlorotoluene	13.106	91	319644	19.664	ug/l	95
83) tert-Butylbenzene	13.326	119	321543	19.356	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	370866	19.431	ug/l	93
85) sec-Butylbenzene	13.503	105	452351	19.676	ug/l	98
86) p-Isopropyltoluene	13.619	119	362194	19.523	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	189422	19.190	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	187124	18.516	ug/l	97
89) n-Butylbenzene	13.946	91	298261	18.743	ug/l	98
90) Hexachloroethane	14.214	117	58798	19.083	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	181178	19.015	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23228	19.169	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	74129	16.811	ug/l	98
94) Hexachlorobutadiene	15.373	225	36283	18.122	ug/l	99
95) Naphthalene	15.507	128	200427	15.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	69003	16.373	ug/l	98

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

