

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068238.D
 Acq On : 20 Aug 2021 12:11
 Operator : JC/MD
 Sample : VN0820WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 6:17:13 PM

Quant Time: Aug 20 15:15:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	555732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	835886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	797245	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	373927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	309183	52.106	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.220%			
35) Dibromofluoromethane	8.024	113	276165	52.624	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.240%			
50) Toluene-d8	10.443	98	1073495	53.684	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.360%			
62) 4-Bromofluorobenzene	12.733	95	350056	52.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	79229	17.992	ug/l	98
3) Chloromethane	2.301	50	85580	17.202	ug/l	98
4) Vinyl Chloride	2.443	62	137300	17.613	ug/l	97
5) Bromomethane	2.842	94	131401	19.474	ug/l	97
6) Chloroethane	3.011	64	103756	19.531	ug/l	96
7) Trichlorofluoromethane	3.368	101	284351	18.555	ug/l	99
8) Diethyl Ether	3.816	74	80131	22.542	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.199	101	90282	19.268	ug/l #	69
10) Methyl Iodide	4.414	142	115290	17.304	ug/l #	88
11) Tert butyl alcohol	5.393	59	67749	91.556	ug/l	95
12) 1,1-Dichloroethene	4.175	96	80298	17.823	ug/l #	75
13) Acrolein	4.038	56	61881	122.144	ug/l	98
14) Allyl chloride	4.832	41	101986	17.710	ug/l #	93
15) Acrylonitrile	5.562	53	196517	94.263	ug/l	99
16) Acetone	4.291	43	168842	97.458	ug/l #	89
17) Carbon Disulfide	4.521	76	201993	17.344	ug/l	98
18) Methyl Acetate	4.856	43	94454	19.384	ug/l #	86
19) Methyl tert-butyl Ether	5.618	73	270172	18.601	ug/l	97
20) Methylene Chloride	5.087	84	98073	19.150	ug/l #	80
21) trans-1,2-Dichloroethene	5.594	96	90984	18.039	ug/l #	77
22) Diisopropyl ether	6.500	45	233550	18.565	ug/l #	92
23) Vinyl Acetate	6.436	43	905594	92.480	ug/l #	90
24) 1,1-Dichloroethane	6.388	63	152852	18.185	ug/l	95
25) 2-Butanone	7.343	43	249825	92.531	ug/l #	85
26) 2,2-Dichloropropane	7.324	77	141386	19.632	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	107821	17.853	ug/l	75
28) Bromochloromethane	7.656	49	74879	20.259	ug/l #	47
29) Tetrahydrofuran	7.691	42	160153	92.752	ug/l #	78
30) Chloroform	7.820	83	181298	18.107	ug/l	99
31) Cyclohexane	8.094	56	139733	17.879	ug/l #	79
32) 1,1,1-Trichloroethane	8.016	97	166435	18.639	ug/l	94
36) 1,1-Dichloropropene	8.220	75	126605	18.528	ug/l	91
37) Ethyl Acetate	7.418	43	102314	17.576	ug/l	95
38) Carbon Tetrachloride	8.206	117	149051	18.913	ug/l	98
39) Methylcyclohexane	9.461	83	157670	20.431	ug/l #	86
40) Benzene	8.461	78	396189	18.997	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	47936	18.036	ug/l #	82
42) 1,2-Dichloroethane	8.531	62	133995	18.862	ug/l	93
43) Isopropyl Acetate	8.566	43	177473	19.033	ug/l #	91
44) Trichloroethene	9.217	130	118566	18.905	ug/l	77
45) 1,2-Dichloropropane	9.491	63	94387	19.241	ug/l	98
46) Dibromomethane	9.579	93	75532	18.875	ug/l #	79
47) Bromodichloromethane	9.764	83	140648	18.914	ug/l #	96
48) Methyl methacrylate	9.563	41	74489	19.169	ug/l #	81
49) 1,4-Dioxane	9.574	88	34665	369.077	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	552454	96.449	ug/l	91
52) Toluene	10.507	92	272100	19.138	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	142620	19.526	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	153270	19.368	ug/l #	84
55) 1,1,2-Trichloroethane	10.902	97	109079	19.198	ug/l	93
56) Ethyl methacrylate	10.765	69	136500	18.708	ug/l #	81
57) 1,3-Dichloropropane	11.046	76	165474	18.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	105707	81.248	ug/l #	82
59) 2-Hexanone	11.089	43	377076	94.808	ug/l	87
60) Dibromochloromethane	11.242	129	123763	19.308	ug/l	99
61) 1,2-Dibromoethane	11.347	107	113386	19.243	ug/l	99
64) Tetrachloroethene	10.979	164	119724	19.421	ug/l #	85
65) Chlorobenzene	11.773	112	305834	18.736	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	120672	19.598	ug/l	99
67) Ethyl Benzene	11.848	91	507042	18.831	ug/l	94
68) m/p-Xylenes	11.956	106	415903	38.613	ug/l	80
69) o-Xylene	12.283	106	201478	19.360	ug/l	79
70) Styrene	12.296	104	316399	18.994	ug/l #	90
71) Bromoform	12.462	173	91768	18.584	ug/l #	97
73) Isopropylbenzene	12.581	105	512924	19.287	ug/l	95
74) N-amyl acetate	12.390	43	125976	18.192	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	146706	18.394	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	110656m	17.805	ug/l	
77) Bromobenzene	12.865	156	138826	18.948	ug/l	55
78) n-propylbenzene	12.924	91	554325	19.431	ug/l	91
79) 2-Chlorotoluene	13.010	91	331812	18.807	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	425651	19.785	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	34781	18.334	ug/l	93
82) 4-Chlorotoluene	13.106	91	328957	19.210	ug/l	85
83) tert-Butylbenzene	13.326	119	378107	19.792	ug/l	84
84) 1,2,4-Trimethylbenzene	13.372	105	416859	19.848	ug/l	92
85) sec-Butylbenzene	13.506	105	502467	19.975	ug/l	92
86) p-Isopropyltoluene	13.618	119	422338	20.340	ug/l	91
87) 1,3-Dichlorobenzene	13.618	146	242012	19.372	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	236063	18.652	ug/l	93
89) n-Butylbenzene	13.946	91	298451	19.268	ug/l	96
90) Hexachloroethane	14.211	117	75790	19.673	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	226930	19.078	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.603	75	21718	17.978	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.265	180	95113	17.114	ug/l	98
94) Hexachlorobutadiene	15.372	225	63492	19.709	ug/l	98
95) Naphthalene	15.509	128	198425	15.959	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	91570	17.418	ug/l	96

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

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