

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067532.D
 Acq On : 28 Jun 2021 14:51
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062821

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:23 PM

Quant Time: Jun 29 05:14:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	308000	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	534324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	501362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	187908	44.578	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.160%		
35) Dibromofluoromethane	8.024	113	155131	46.828	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.660%		
50) Toluene-d8	10.443	98	634598	47.156	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.320%		
62) 4-Bromofluorobenzene	12.734	95	227920	48.487	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	157115	49.309	ug/l	99
3) Chloromethane	2.301	50	174086	45.398	ug/l	97
4) Vinyl Chloride	2.443	62	238201	46.201	ug/l	98
5) Bromomethane	2.845	94	189218	49.889	ug/l	97
6) Chloroethane	3.014	64	164728	45.811	ug/l	99
7) Trichlorofluoromethane	3.368	101	439335	47.426	ug/l	100
8) Diethyl Ether	3.819	74	95185	44.345	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.202	101	152808	49.969	ug/l	95
10) Methyl Iodide	4.417	142	179750	45.095	ug/l	93
11) Tert butyl alcohol	5.385	59	144315	229.355	ug/l	99
12) 1,1-Dichloroethene	4.170	96	143949	48.153	ug/l	84
13) Acrolein	4.039	56	90442	218.457	ug/l	100
14) Allyl chloride	4.835	41	230957	47.260	ug/l	# 93
15) Acrylonitrile	5.557	53	379977	234.955	ug/l	99
16) Acetone	4.288	43	347512	249.940	ug/l	# 88
17) Carbon Disulfide	4.524	76	407806	48.383	ug/l	100
18) Methyl Acetate	4.857	43	161416	43.522	ug/l	# 91
19) Methyl tert-butyl Ether	5.618	73	546228	47.650	ug/l	99
20) Methylene Chloride	5.093	84	174889	47.931	ug/l	# 84
21) trans-1,2-Dichloroethene	5.591	96	166770	49.190	ug/l	87
22) Diisopropyl ether	6.501	45	505021	47.590	ug/l	# 93
23) Vinyl Acetate	6.436	43	2140074	240.555	ug/l	# 93
24) 1,1-Dichloroethane	6.385	63	292302	47.200	ug/l	98
25) 2-Butanone	7.340	43	518028	241.596	ug/l	# 88
26) 2,2-Dichloropropane	7.324	77	285884	49.811	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	198199	48.325	ug/l	83
28) Bromochloromethane	7.659	49	127826	44.108	ug/l	# 66
29) Tetrahydrofuran	7.686	42	330265	231.313	ug/l	# 87
30) Chloroform	7.820	83	331063	48.596	ug/l	100
31) Cyclohexane	8.094	56	279407	48.631	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	306772	49.591	ug/l	95
36) 1,1-Dichloropropene	8.222	75	245773	50.950	ug/l	93
37) Ethyl Acetate	7.418	43	214741	48.480	ug/l	97
38) Carbon Tetrachloride	8.206	117	266915	51.654	ug/l	99
39) Methylcyclohexane	9.462	83	304326	52.119	ug/l	89
40) Benzene	8.461	78	733310	50.207	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	107304	48.596	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	247508	49.096	ug/l	94
43) Isopropyl Acetate	8.563	43	377059	49.831	ug/l #	93
44) Trichloroethene	9.217	130	197151	51.827	ug/l	85
45) 1,2-Dichloropropane	9.491	63	177816	48.630	ug/l	99
46) Dibromomethane	9.580	93	130920	50.288	ug/l	91
47) Bromodichloromethane	9.765	83	261900	50.856	ug/l	97
48) Methyl methacrylate	9.563	41	169393	51.125	ug/l	88
49) 1,4-Dioxane	9.572	88	64688	934.699	ug/l	85
51) 4-Methyl-2-Pentanone	10.333	43	1103890	241.813	ug/l	91
52) Toluene	10.508	92	494830	51.856	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	286394	47.350	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	305932	52.393	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	188234	50.551	ug/l	96
56) Ethyl methacrylate	10.762	69	289518	51.423	ug/l #	83
57) 1,3-Dichloropropane	11.047	76	302947	50.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	303702	225.837	ug/l #	90
59) 2-Hexanone	11.087	43	799414	248.040	ug/l	88
60) Dibromochloromethane	11.240	129	212032	47.276	ug/l	100
61) 1,2-Dibromoethane	11.350	107	195596	51.305	ug/l	100
64) Tetrachloroethene	10.980	164	188093	53.543	ug/l	95
65) Chlorobenzene	11.773	112	522464	50.786	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	197222	53.551	ug/l	100
67) Ethyl Benzene	11.848	91	963926	51.907	ug/l	95
68) m/p-Xylenes	11.956	106	763681	106.818	ug/l	84
69) o-Xylene	12.283	106	370483	52.319	ug/l	85
70) Styrene	12.296	104	614295	48.931	ug/l	92
71) Bromoform	12.460	173	141327	46.110	ug/l #	98
73) Isopropylbenzene	12.581	105	971730	48.539	ug/l	97
74) N-amyl acetate	12.390	43	308127	46.941	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	261406	46.035	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	230078m	48.217	ug/l	
77) Bromobenzene	12.862	156	219244	49.360	ug/l	71
78) n-propylbenzene	12.924	91	1109791	49.738	ug/l	95
79) 2-Chlorotoluene	13.010	91	650524	47.721	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	814534	49.647	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	81498	49.103	ug/l	87
82) 4-Chlorotoluene	13.106	91	656001	49.243	ug/l	92
83) tert-Butylbenzene	13.326	119	682707	47.977	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	801753	49.633	ug/l	92
85) sec-Butylbenzene	13.503	105	972845	49.711	ug/l	96
86) p-Isopropyltoluene	13.619	119	812252	51.604	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	419010	50.950	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	411773	50.661	ug/l	95
89) n-Butylbenzene	13.946	91	668422	51.491	ug/l	98
90) Hexachloroethane	14.214	117	139361	50.310	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	395932	50.536	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	48348	48.673	ug/l	66
93) 1,2,4-Trichlorobenzene	15.265	180	186341	54.029	ug/l	99
94) Hexachlorobutadiene	15.373	225	86382	56.829	ug/l	98
95) Naphthalene	15.507	128	557404	47.639	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	174807	51.785	ug/l	98

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

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