

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068761.D
 Acq On : 30 Sep 2021 14:08
 Operator : JC/MD
 Sample : VN0930MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:02:47 AM

Quant Time: Sep 30 15:18:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	448094	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	764141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	674416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	282405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	283483	45.405	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.820%		
35) Dibromofluoromethane	8.021	113	228211	48.067	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.140%		
50) Toluene-d8	10.443	98	842031	48.534	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.060%		
62) 4-Bromofluorobenzene	12.734	95	260694	43.244	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	73513	14.979	ug/l	99
3) Chloromethane	2.303	50	72499	14.877	ug/l	97
4) Vinyl Chloride	2.446	62	129522	12.882	ug/l	96
5) Bromomethane	2.859	94	123867	15.263	ug/l	99
6) Chloroethane	3.020	64	117382	14.864	ug/l	99
7) Trichlorofluoromethane	3.374	101	124515	15.552	ug/l	98
8) Diethyl Ether	3.829	74	42286	15.470	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.213	101	71946	14.641	ug/l	95
10) Methyl Iodide	4.428	142	72302	17.007	ug/l	92
11) Tert butyl alcohol	5.366	59	62061	74.135	ug/l	# 92
12) 1,1-Dichloroethene	4.192	96	60736	14.425	ug/l	# 77
13) Acrolein	4.049	56	14728	111.732	ug/l	96
14) Allyl chloride	4.846	41	95130	14.491	ug/l	# 89
15) Acrylonitrile	5.551	53	175675	74.604	ug/l	99
16) Acetone	4.285	43	189049	78.029	ug/l	100
17) Carbon Disulfide	4.532	76	119245	13.968	ug/l	98
18) Methyl Acetate	4.851	43	111550	14.819	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	244475	14.627	ug/l	97
20) Methylene Chloride	5.101	84	78394	14.462	ug/l	91
21) trans-1,2-Dichloroethene	5.597	96	65270	13.794	ug/l	85
22) Diisopropyl ether	6.493	45	230813	14.866	ug/l	93
23) Vinyl Acetate	6.434	43	914891	74.565	ug/l	95
24) 1,1-Dichloroethane	6.391	63	136595	14.532	ug/l	97
25) 2-Butanone	7.332	43	260753	74.405	ug/l	# 90
26) 2,2-Dichloropropane	7.327	77	130607	14.701	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	87581	14.390	ug/l	85
28) Bromochloromethane	7.659	49	72954	17.093	ug/l	# 75
29) Tetrahydrofuran	7.683	42	151614	70.052	ug/l	# 86
30) Chloroform	7.815	83	162931	14.728	ug/l	98
31) Cyclohexane	8.097	56	112608	14.227	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	143419	14.554	ug/l	99
36) 1,1-Dichloropropene	8.223	75	102237	14.226	ug/l	95
37) Ethyl Acetate	7.410	43	100888	14.794	ug/l	97
38) Carbon Tetrachloride	8.209	117	124056	14.531	ug/l	97
39) Methylcyclohexane	9.462	83	120324	14.445	ug/l	89
40) Benzene	8.461	78	323559	14.788	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	49359	15.223	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	127495	14.842	ug/l	96
43) Isopropyl Acetate	8.558	43	184542	14.710	ug/l	97
44) Trichloroethene	9.218	130	84059	14.391	ug/l	90
45) 1,2-Dichloropropane	9.488	63	86077	15.246	ug/l	98
46) Dibromomethane	9.580	93	62634	14.461	ug/l	92
47) Bromodichloromethane	9.762	83	133192	15.293	ug/l	100
48) Methyl methacrylate	9.561	41	76819	14.587	ug/l #	81
49) 1,4-Dioxane	9.572	88	27019	317.597	ug/l #	83
51) 4-Methyl-2-Pentanone	10.331	43	569309	75.054	ug/l	99
52) Toluene	10.505	92	215824	14.805	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	129967	14.741	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	138108	14.887	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	91996	14.842	ug/l	96
56) Ethyl methacrylate	10.762	69	123472	14.197	ug/l	94
57) 1,3-Dichloropropane	11.047	76	146714	15.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	129391	82.668	ug/l	94
59) 2-Hexanone	11.087	43	386518	73.958	ug/l	97
60) Dibromochloromethane	11.240	129	99019	15.145	ug/l	100
61) 1,2-Dibromoethane	11.344	107	87988	14.473	ug/l	99
64) Tetrachloroethene	10.980	164	75597	15.017	ug/l	95
65) Chlorobenzene	11.771	112	225985	14.698	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	94689	15.937	ug/l	99
67) Ethyl Benzene	11.846	91	402415	14.871	ug/l	97
68) m/p-Xylenes	11.956	106	298468	29.762	ug/l	87
69) o-Xylene	12.280	106	145233	14.658	ug/l	89
70) Styrene	12.296	104	234467	14.882	ug/l	93
71) Bromoform	12.460	173	61353	14.627	ug/l #	99
73) Isopropylbenzene	12.581	105	388226	15.362	ug/l	97
74) N-amyl acetate	12.390	43	126189	15.531	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.828	83	118756	15.467	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	96520m	15.369	ug/l	
77) Bromobenzene	12.862	156	85494	14.954	ug/l	74
78) n-propylbenzene	12.921	91	446275	15.623	ug/l	97
79) 2-Chlorotoluene	13.007	91	257368	15.598	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	322100	16.050	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	31323	14.498	ug/l	96
82) 4-Chlorotoluene	13.106	91	253877	15.310	ug/l	92
83) tert-Butylbenzene	13.324	119	282397	15.944	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	306388	15.557	ug/l	92
85) sec-Butylbenzene	13.503	105	395983	15.484	ug/l	97
86) p-Isopropyltoluene	13.616	119	316685	15.590	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	157428	14.766	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	157277	14.821	ug/l	97
89) n-Butylbenzene	13.943	91	264582	14.735	ug/l	96
90) Hexachloroethane	14.211	117	61133	14.794	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	157841	15.376	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	20808	15.673	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	68558	14.719	ug/l	99
94) Hexachlorobutadiene	15.370	225	39447	15.025	ug/l	98
95) Naphthalene	15.507	128	166811	13.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	66148	14.809	ug/l	98

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

