

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068892.D
 Acq On : 13 Oct 2021 12:51
 Operator : JC/MD
 Sample : VN1013MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2021 2:28:23 PM

Quant Time: Oct 14 06:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	324838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	544383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	501950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	220204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	194226	45.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.70%		
35) Dibromofluoromethane	8.024	113	153317	48.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.82%		
50) Toluene-d8	10.443	98	606213	47.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.68%		
62) 4-Bromofluorobenzene	12.734	95	223756	46.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	65845	17.12	ug/l	97
3) Chloromethane	2.303	50	71758	18.07	ug/l	100
4) Vinyl Chloride	2.446	62	77950	19.33	ug/l	99
5) Bromomethane	2.861	94	51242	23.10	ug/l	97
6) Chloroethane	3.022	64	47083	19.81	ug/l	99
7) Trichlorofluoromethane	3.379	101	105491	18.68	ug/l	100
8) Diethyl Ether	3.827	74	39062	18.54	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.218	101	57821	19.04	ug/l	98
10) Methyl Iodide	4.430	142	75637	17.16	ug/l	99
11) Tert butyl alcohol	5.364	59	67121	85.77	ug/l	98
12) 1,1-Dichloroethene	4.186	96	55951	17.83	ug/l	94
13) Acrolein	4.047	56	23958	69.20	ug/l	96
14) Allyl chloride	4.846	41	100508	17.86	ug/l	97
15) Acrylonitrile	5.557	53	155168	88.49	ug/l	99
16) Acetone	4.288	43	141457	88.51	ug/l	99
17) Carbon Disulfide	4.537	76	151906	17.83	ug/l	100
18) Methyl Acetate	4.857	43	111037	18.32	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	217345	18.60	ug/l	99
20) Methylene Chloride	5.098	84	67609	18.38	ug/l	93
21) trans-1,2-Dichloroethene	5.600	96	59783	17.63	ug/l	95
22) Diisopropyl ether	6.495	45	211653	18.09	ug/l	97
23) Vinyl Acetate	6.434	43	798547	90.27	ug/l	99
24) 1,1-Dichloroethane	6.388	63	114838	18.06	ug/l	99
25) 2-Butanone	7.335	43	217640	90.05	ug/l	99
26) 2,2-Dichloropropane	7.327	77	107257	17.70	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	72922	17.79	ug/l	97
28) Bromochloromethane	7.659	49	45957	15.96	ug/l	97
29) Tetrahydrofuran	7.683	42	142248	90.74	ug/l	99
30) Chloroform	7.820	83	122638	18.30	ug/l	99
31) Cyclohexane	8.096	56	115405	17.33	ug/l #	92
32) 1,1,1-Trichloroethane	8.016	97	111443	17.84	ug/l	98
36) 1,1-Dichloropropene	8.223	75	88114	18.95	ug/l	99
37) Ethyl Acetate	7.413	43	90938	18.94	ug/l	98
38) Carbon Tetrachloride	8.206	117	96472	18.89	ug/l	100
39) Methylcyclohexane	9.462	83	117944	19.71	ug/l	98
40) Benzene	8.461	78	270879	19.13	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	43922	18.14	ug/l	95
42) 1,2-Dichloroethane	8.531	62	96943	19.33	ug/l	99
43) Isopropyl Acetate	8.560	43	164293	19.39	ug/l	99
44) Trichloroethene	9.218	130	69970	19.75	ug/l	96
45) 1,2-Dichloropropane	9.491	63	69871	19.02	ug/l	98
46) Dibromomethane	9.577	93	48447	19.32	ug/l	97
47) Bromodichloromethane	9.765	83	100439	19.33	ug/l	100
48) Methyl methacrylate	9.561	41	73938	18.57	ug/l	96
49) 1,4-Dioxane	9.569	88	27134	372.85	ug/l	99
51) 4-Methyl-2-Pentanone	10.331	43	460886	93.81	ug/l	100
52) Toluene	10.508	92	177205	19.45	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	111175	18.88	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	116322	18.99	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	69400	19.32	ug/l	98
56) Ethyl methacrylate	10.762	69	112729	18.69	ug/l	97
57) 1,3-Dichloropropane	11.047	76	116110	19.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	129390	86.23	ug/l	98
59) 2-Hexanone	11.087	43	329948	93.64	ug/l	100
60) Dibromochloromethane	11.240	129	76554	18.88	ug/l	100
61) 1,2-Dibromoethane	11.347	107	71336	19.36	ug/l	99
64) Tetrachloroethene	10.980	164	62900	19.45	ug/l	98
65) Chlorobenzene	11.771	112	185212	19.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	71198	19.15	ug/l	99
67) Ethyl Benzene	11.846	91	343368	19.46	ug/l	100
68) m/p-Xylenes	11.956	106	263004	39.32	ug/l	99
69) o-Xylene	12.283	106	130261	19.46	ug/l	100
70) Styrene	12.296	104	211484	19.41	ug/l	99
71) Bromoform	12.460	173	56209	18.87	ug/l #	99
73) Isopropylbenzene	12.581	105	339096	18.50	ug/l	99
74) N-amyl acetate	12.390	43	124991	18.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	99808	18.84	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	76498m	16.33	ug/l	
77) Bromobenzene	12.862	156	78190	19.29	ug/l	94
78) n-propylbenzene	12.921	91	383015	18.60	ug/l	100
79) 2-Chlorotoluene	13.010	91	234090	18.44	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	285787	18.72	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	32958	16.83	ug/l	99
82) 4-Chlorotoluene	13.106	91	230004	18.75	ug/l	100
83) tert-Butylbenzene	13.326	119	246181	18.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	282378	19.20	ug/l	100
85) sec-Butylbenzene	13.503	105	347314	18.87	ug/l	99
86) p-Isopropyltoluene	13.619	119	281128	19.04	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	138366	19.74	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	135142	19.42	ug/l	99
89) n-Butylbenzene	13.946	91	229231	18.65	ug/l	100
90) Hexachloroethane	14.214	117	55718	17.97	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	132741	19.49	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	18733	18.34	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	60967	18.23	ug/l	99
94) Hexachlorobutadiene	15.373	225	39618	20.43	ug/l	99
95) Naphthalene	15.507	128	153788	17.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	58081	18.19	ug/l	99

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

