

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069082.D
 Acq On : 21 Oct 2021 12:41
 Operator : JC/MD
 Sample : VN1021MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:09:13 PM

Quant Time: Oct 21 13:21:57 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	298328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	524017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	492444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	208172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	214064	54.423	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 108.840%		
35) Dibromofluoromethane	8.024	113	162769	53.388	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 106.780%		
50) Toluene-d8	10.443	98	648787	53.185	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.380%		
62) 4-Bromofluorobenzene	12.733	95	244486	53.121	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 106.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	63555	17.926	ug/l	99
3) Chloromethane	2.303	50	69759	19.131	ug/l	100
4) Vinyl Chloride	2.445	62	78941	21.314	ug/l	99
5) Bromomethane	2.848	94	52666	25.852	ug/l	100
6) Chloroethane	3.017	64	51534	23.610	ug/l	97
7) Trichlorofluoromethane	3.376	101	104034	20.060	ug/l	100
8) Diethyl Ether	3.829	74	39699	20.522	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.218	101	58418	20.949	ug/l	98
10) Methyl Iodide	4.427	142	69389	17.144	ug/l #	94
11) Tert butyl alcohol	5.363	59	62732	87.282	ug/l #	90
12) 1,1-Dichloroethene	4.189	96	54008	18.736	ug/l	97
13) Acrolein	4.044	56	21889	68.845	ug/l	99
14) Allyl chloride	4.846	41	95455	18.472	ug/l	94
15) Acrylonitrile	5.556	53	157488	97.790	ug/l	98
16) Acetone	4.288	43	137545	93.705	ug/l	100
17) Carbon Disulfide	4.537	76	133757	17.097	ug/l	100
18) Methyl Acetate	4.859	43	115408	20.729	ug/l #	75
19) Methyl tert-butyl Ether	5.618	73	220406	20.534	ug/l	99
20) Methylene Chloride	5.100	84	70775	20.949	ug/l	95
21) trans-1,2-Dichloroethene	5.605	96	59279	19.035	ug/l	96
22) Diisopropyl ether	6.498	45	214465	19.957	ug/l	98
23) Vinyl Acetate	6.433	43	791480	97.425	ug/l	99
24) 1,1-Dichloroethane	6.393	63	118187	20.242	ug/l	99
25) 2-Butanone	7.335	43	211781	95.412	ug/l	98
26) 2,2-Dichloropropane	7.329	77	105631	18.984	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	73709	19.580	ug/l	98
28) Bromochloromethane	7.659	49	45685	17.276	ug/l	97
29) Tetrahydrofuran	7.686	42	138811	96.413	ug/l	98
30) Chloroform	7.820	83	126463	20.552	ug/l	99
31) Cyclohexane	8.096	56	112630	18.417	ug/l	93
32) 1,1,1-Trichloroethane	8.018	97	111586	19.453	ug/l	99
36) 1,1-Dichloropropene	8.225	75	89231	19.936	ug/l	99
37) Ethyl Acetate	7.412	43	87602	18.950	ug/l	98
38) Carbon Tetrachloride	8.209	117	94804	19.286	ug/l	99
39) Methylcyclohexane	9.461	83	113752	19.745	ug/l	97
40) Benzene	8.464	78	279546	20.510	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	46487	19.949	ug/l	98
42) 1,2-Dichloroethane	8.531	62	103906	21.529	ug/l	100
43) Isopropyl Acetate	8.560	43	167932	20.589	ug/l	99
44) Trichloroethene	9.217	130	68565	20.101	ug/l	99
45) 1,2-Dichloropropane	9.491	63	72596	20.527	ug/l	96
46) Dibromomethane	9.579	93	50311	20.840	ug/l	98
47) Bromodichloromethane	9.764	83	101292	20.247	ug/l	99
48) Methyl methacrylate	9.561	41	67752	17.679	ug/l	87
49) 1,4-Dioxane	9.569	88	28175	399.401	ug/l	93
51) 4-Methyl-2-Pentanone	10.330	43	460699	97.412	ug/l	99
52) Toluene	10.507	92	182216	20.780	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	112966	19.934	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	118237	20.054	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	74078	21.427	ug/l	97
56) Ethyl methacrylate	10.762	69	117104	20.174	ug/l	97
57) 1,3-Dichloropropane	11.046	76	123113	21.596	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	117990	82.673	ug/l	99
59) 2-Hexanone	11.087	43	333249	98.258	ug/l	99
60) Dibromochloromethane	11.240	129	74910	19.196	ug/l	100
61) 1,2-Dibromoethane	11.347	107	73436	20.709	ug/l	99
64) Tetrachloroethene	10.979	164	59027	18.607	ug/l	96
65) Chlorobenzene	11.771	112	197029	21.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	73069	20.034	ug/l	100
67) Ethyl Benzene	11.846	91	359282	20.756	ug/l	99
68) m/p-Xylenes	11.956	106	267911	40.829	ug/l	99
69) o-Xylene	12.283	106	133879	20.383	ug/l	99
70) Styrene	12.296	104	219603	20.540	ug/l	99
71) Bromoform	12.460	173	51372	17.583	ug/l #	100
73) Isopropylbenzene	12.580	105	352661	20.353	ug/l	99
74) N-amyl acetate	12.390	43	127931	19.488	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	107407	21.450	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	107228m	24.209	ug/l	
77) Bromobenzene	12.862	156	79466	20.740	ug/l	99
78) n-propylbenzene	12.924	91	400645	20.575	ug/l	99
79) 2-Chlorotoluene	13.010	91	249024	20.749	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	295187	20.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	31384	16.952	ug/l	95
82) 4-Chlorotoluene	13.106	91	241126	20.791	ug/l	100
83) tert-Butylbenzene	13.326	119	254933	20.291	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	286444	20.599	ug/l	98
85) sec-Butylbenzene	13.503	105	357715	20.559	ug/l	100
86) p-Isopropyltoluene	13.618	119	288549	20.675	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	138766	20.938	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	135319	20.572	ug/l	98
89) n-Butylbenzene	13.946	91	234251	20.162	ug/l	99
90) Hexachloroethane	14.214	117	53801	18.352	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	134811	20.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	17953	18.596	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	59712	18.792	ug/l	100
94) Hexachlorobutadiene	15.372	225	34470	18.803	ug/l	100
95) Naphthalene	15.509	128	152892	18.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	56086	18.525	ug/l	100

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

