

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070117.D
 Acq On : 15 Dec 2021 17:35
 Operator : JC/MD
 Sample : VN1215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Amit Patel 12/16/2021

Quant Time: Dec 16 05:40:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	982813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1633485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1483381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	612561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	835182	55.038	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.080%			
35) Dibromofluoromethane	8.024	113	571931	55.897	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.800%			
50) Toluene-d8	10.440	98	2213003	53.865	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.731	95	776797	52.191	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	202544	17.669	ug/l	97
3) Chloromethane	2.303	50	260934	18.170	ug/l	100
4) Vinyl Chloride	2.446	62	241589	18.295	ug/l	99
5) Bromomethane	2.856	94	138678	19.331	ug/l	96
6) Chloroethane	3.017	64	148656	18.371	ug/l	98
7) Trichlorofluoromethane	3.376	101	310577	17.920	ug/l	97
8) Diethyl Ether	3.824	74	138638	20.770	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	195451	20.119	ug/l	95
10) Methyl Iodide	4.417	142	243801	18.370	ug/l	98
11) Tert butyl alcohol	5.382	59	260270	90.738	ug/l #	86
12) 1,1-Dichloroethene	4.175	96	181320	19.368	ug/l	87
13) Acrolein	4.039	56	166426	68.133	ug/l	99
14) Allyl chloride	4.840	41	419707	19.896	ug/l #	89
15) Acrylonitrile	5.557	53	787104	101.835	ug/l	99
16) Acetone	4.291	43	820328	89.867	ug/l	96
17) Carbon Disulfide	4.524	76	388069	16.045	ug/l	98
18) Methyl Acetate	4.862	43	545304	19.791	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	743904	20.437	ug/l	95
20) Methylene Chloride	5.093	84	231197	19.052	ug/l #	85
21) trans-1,2-Dichloroethene	5.599	96	192630	18.944	ug/l	86
22) Diisopropyl ether	6.498	45	885792	21.483	ug/l #	94
23) Vinyl Acetate	6.436	43	3447420	102.771	ug/l	95
24) 1,1-Dichloroethane	6.385	63	437896	20.502	ug/l	97
25) 2-Butanone	7.340	43	1196036	96.434	ug/l	91
26) 2,2-Dichloropropane	7.327	77	311737	18.772	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	240739	19.596	ug/l	85
28) Bromochloromethane	7.659	49	182903	16.468	ug/l #	76
29) Tetrahydrofuran	7.689	42	771360	102.422	ug/l #	86
30) Chloroform	7.817	83	443193	20.546	ug/l	100
31) Cyclohexane	8.094	56	409921	19.411	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	356198	19.386	ug/l	95
36) 1,1-Dichloropropene	8.222	75	302020	19.422	ug/l	96
37) Ethyl Acetate	7.415	43	458622	19.815	ug/l	95
38) Carbon Tetrachloride	8.206	117	280547	18.398	ug/l	99
39) Methylcyclohexane	9.462	83	349434	18.892	ug/l	90
40) Benzene	8.458	78	958098	20.157	ug/l	99

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41) Methacrylonitrile	7.638	41	226918	20.886	ug/l	90
42) 1,2-Dichloroethane	8.531	62	392699	20.467	ug/l	97
43) Isopropyl Acetate	8.563	43	686186	20.034	ug/l #	93
44) Trichloroethene	9.217	130	217290	19.153	ug/l	94
45) 1,2-Dichloropropane	9.491	63	262858	20.594	ug/l	99
46) Dibromomethane	9.580	93	163439	19.525	ug/l	93
47) Bromodichloromethane	9.762	83	316527	19.971	ug/l	98
48) Methyl methacrylate	9.561	41	320910	20.077	ug/l	86
49) 1,4-Dioxane	9.571	88	111065	387.259	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2341024	105.361	ug/l	95
52) Toluene	10.505	92	575341	19.827	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	323022	18.790	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	362616	19.397	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	237465	20.282	ug/l	97
56) Ethyl methacrylate	10.760	69	387241	19.009	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	423829	20.558	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	400265	80.546	ug/l	90
59) 2-Hexanone	11.087	43	1660536	98.794	ug/l	93
60) Dibromochloromethane	11.240	129	212616	18.519	ug/l	99
61) 1,2-Dibromoethane	11.347	107	231461	19.086	ug/l	99
64) Tetrachloroethene	10.977	164	193349	19.223	ug/l	95
65) Chlorobenzene	11.771	112	595035	19.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	210297	19.854	ug/l	99
67) Ethyl Benzene	11.846	91	1117135	20.436	ug/l	97
68) m/p-Xylenes	11.953	106	804354	40.413	ug/l	91
69) o-Xylene	12.280	106	403653	20.134	ug/l	91
70) Styrene	12.294	104	641454	20.178	ug/l	95
71) Bromoform	12.460	173	150407	18.427	ug/l #	98
73) Isopropylbenzene	12.578	105	1064941	19.540	ug/l	98
74) N-amyl acetate	12.388	43	449889	18.666	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	382765	20.310	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	364434m	20.746	ug/l	
77) Bromobenzene	12.860	156	245526	19.179	ug/l	77
78) n-propylbenzene	12.921	91	1185833	19.553	ug/l	95
79) 2-Chlorotoluene	13.007	91	746751	19.487	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	861190	19.632	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	85565	18.708	ug/l	86
82) 4-Chlorotoluene	13.106	91	699930	19.422	ug/l	92
83) tert-Butylbenzene	13.324	119	756045	19.464	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	826427	19.782	ug/l	98
85) sec-Butylbenzene	13.501	105	1023823	19.432	ug/l	97
86) p-Isopropyltoluene	13.616	119	803522	19.511	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	406818	19.344	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	387765	18.762	ug/l	95
89) n-Butylbenzene	13.943	91	612043	18.321	ug/l	97
90) Hexachloroethane	14.209	117	124657	17.241	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	405653	19.796	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61393	18.027	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	167138	18.551	ug/l	98
94) Hexachlorobutadiene	15.370	225	108875	20.048	ug/l	99
95) Naphthalene	15.507	128	444501	17.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	167676	18.721	ug/l	97

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

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