

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071186.D
 Acq On : 08 Mar 2022 13:15
 Operator : JC\MD
 Sample : VN0308MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 04:00:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	649180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1044793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	950261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	370638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	419086	47.103	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.200%		
35) Dibromofluoromethane	8.016	113	319516	48.463	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.920%		
50) Toluene-d8	10.439	98	1283121	48.337	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.680%		
62) 4-Bromofluorobenzene	12.727	95	416131	46.294	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	130284	18.312	ug/l	100
3) Chloromethane	2.299	50	180192	18.843	ug/l	96
4) Vinyl Chloride	2.446	62	163611	18.764	ug/l	96
5) Bromomethane	2.846	94	97288	21.592	ug/l	94
6) Chloroethane	3.016	64	100596	19.051	ug/l	96
7) Trichlorofluoromethane	3.375	101	215138	18.746	ug/l	98
8) Diethyl Ether	3.828	74	90145	18.356	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.216	101	124699	18.770	ug/l	96
10) Methyl Iodide	4.422	142	165553	17.643	ug/l	98
11) Tert butyl alcohol	5.357	59	149622	85.604	ug/l	98
12) 1,1-Dichloroethene	4.187	96	121489	18.667	ug/l	95
13) Acrolein	4.045	56	136794	73.943	ug/l	100
14) Allyl chloride	4.845	41	257002	18.156	ug/l	86
15) Acrylonitrile	5.551	53	451996	87.092	ug/l	99
16) Acetone	4.287	43	377913	87.296	ug/l	98
17) Carbon Disulfide	4.534	76	331701	17.902	ug/l	100
18) Methyl Acetate	4.851	43	207914	18.185	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	460892	18.862	ug/l	96
20) Methylene Chloride	5.092	84	147920	18.934	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	132252	18.578	ug/l	90
22) Diisopropyl ether	6.492	45	526114	18.866	ug/l	94
23) Vinyl Acetate	6.428	43	2212172	93.701	ug/l	98
24) 1,1-Dichloroethane	6.386	63	272976	18.524	ug/l	99
25) 2-Butanone	7.328	43	612615	87.846	ug/l	95
26) 2,2-Dichloropropane	7.322	77	215926	18.993	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	155795	18.440	ug/l	90
28) Bromochloromethane	7.657	49	123328	18.794	ug/l	84
29) Tetrahydrofuran	7.681	42	433498	89.728	ug/l	91
30) Chloroform	7.816	83	261799	18.627	ug/l	95
31) Cyclohexane	8.092	56	268262	18.881	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	223648	18.681	ug/l	97
36) 1,1-Dichloropropene	8.216	75	200273	18.959	ug/l	96
37) Ethyl Acetate	7.404	43	258905	17.809	ug/l	98
38) Carbon Tetrachloride	8.204	117	189213	18.518	ug/l	98
39) Methylcyclohexane	9.457	83	244559	19.680	ug/l	93
40) Benzene	8.457	78	604997	19.009	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	131809	18.527	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	209064	18.877	ug/l	98
43) Isopropyl Acetate	8.557	43	386449	17.776	ug/l	97
44) Trichloroethene	9.216	130	145347	19.355	ug/l	99
45) 1,2-Dichloropropane	9.486	63	161194	18.867	ug/l	98
46) Dibromomethane	9.575	93	99918	19.001	ug/l	98
47) Bromodichloromethane	9.757	83	200740	18.890	ug/l	99
48) Methyl methacrylate	9.557	41	179775	17.844	ug/l #	85
49) 1,4-Dioxane	9.563	88	64075	365.889	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	1213885	89.970	ug/l	99
52) Toluene	10.504	92	378104	19.293	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	215926	18.432	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	243620	19.033	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	146752	18.687	ug/l	96
56) Ethyl methacrylate	10.757	69	231591	18.058	ug/l	90
57) 1,3-Dichloropropane	11.039	76	261634	18.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	145352	75.797	ug/l	96
59) 2-Hexanone	11.080	43	830318	90.196	ug/l	100
60) Dibromochloromethane	11.233	129	147482	18.901	ug/l	100
61) 1,2-Dibromoethane	11.339	107	144602	18.016	ug/l	99
64) Tetrachloroethene	10.974	164	129885	19.598	ug/l	97
65) Chlorobenzene	11.769	112	381019	18.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	138484	18.507	ug/l	99
67) Ethyl Benzene	11.839	91	697902	19.342	ug/l	96
68) m/p-Xylenes	11.951	106	521245	39.488	ug/l	97
69) o-Xylene	12.274	106	255282	19.293	ug/l	98
70) Styrene	12.292	104	396603	19.364	ug/l	96
71) Bromoform	12.457	173	106198	18.688	ug/l #	100
73) Isopropylbenzene	12.574	105	661836	18.524	ug/l	99
74) N-amyl acetate	12.386	43	216347	16.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	219150	19.055	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	193838m	19.878	ug/l	
77) Bromobenzene	12.857	156	148958	17.879	ug/l	83
78) n-propylbenzene	12.916	91	722256	18.838	ug/l	98
79) 2-Chlorotoluene	13.004	91	451863	18.360	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	530593	19.088	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	57265	16.702	ug/l	93
82) 4-Chlorotoluene	13.098	91	410578	18.729	ug/l	95
83) tert-Butylbenzene	13.321	119	471103	18.991	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	514571	19.326	ug/l	100
85) sec-Butylbenzene	13.498	105	632951	19.196	ug/l	99
86) p-Isopropyltoluene	13.610	119	498371	19.219	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	249764	18.450	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	236104	17.842	ug/l	97
89) n-Butylbenzene	13.939	91	358450	17.674	ug/l	97
90) Hexachloroethane	14.204	117	92911	18.018	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	240239	18.459	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34127	16.416	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	95625	17.791	ug/l	99
94) Hexachlorobutadiene	15.362	225	69874	19.125	ug/l	99
95) Naphthalene	15.504	128	201942	15.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	88155	17.054	ug/l	99

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

