

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071253.D
 Acq On : 11 Mar 2022 17:22
 Operator : JC\MD
 Sample : VN0311MBS03
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:14:00 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	8.080	168	782707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1270795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1134854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	446841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	537688	50.123	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.240%			
35) Dibromofluoromethane	8.016	113	405839	50.609	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.220%			
50) Toluene-d8	10.439	98	1604425	49.692	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.727	95	531475	48.610	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	126461	14.742	ug/l	98
3) Chloromethane	2.298	50	181067	15.699	ug/l	99
4) Vinyl Chloride	2.440	62	155809	14.821	ug/l	94
5) Bromomethane	2.840	94	89720	14.920	ug/l	100
6) Chloroethane	3.010	64	100808	15.834	ug/l	99
7) Trichlorofluoromethane	3.369	101	213737	15.447	ug/l	98
8) Diethyl Ether	3.822	74	93652	15.817	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.204	101	126827	15.833	ug/l	95
10) Methyl Iodide	4.416	142	158040	13.969	ug/l	100
11) Tert butyl alcohol	5.363	59	170793	81.047	ug/l	99
12) 1,1-Dichloroethene	4.187	96	121383	15.469	ug/l	96
13) Acrolein	4.040	56	117521	52.688	ug/l	100
14) Allyl chloride	4.834	41	258233	15.131	ug/l	88
15) Acrylonitrile	5.545	53	491737	78.586	ug/l	99
16) Acetone	4.281	43	423443	81.126	ug/l	97
17) Carbon Disulfide	4.528	76	284568	12.738	ug/l	99
18) Methyl Acetate	4.851	43	258937	18.768	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	486960	16.529	ug/l	97
20) Methylene Chloride	5.092	84	151853	16.178	ug/l	91
21) trans-1,2-Dichloroethene	5.592	96	131063	15.270	ug/l	88
22) Diisopropyl ether	6.492	45	543773	16.172	ug/l	92
23) Vinyl Acetate	6.428	43	2305683	81.001	ug/l	99
24) 1,1-Dichloroethane	6.386	63	279021	15.704	ug/l	99
25) 2-Butanone	7.333	43	690520	82.126	ug/l	95
26) 2,2-Dichloropropane	7.322	77	227542	16.601	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	158591	15.568	ug/l	91
28) Bromochloromethane	7.657	49	140666	17.779	ug/l	83
29) Tetrahydrofuran	7.680	42	477943	82.051	ug/l	94
30) Chloroform	7.816	83	270027	15.935	ug/l	99
31) Cyclohexane	8.092	56	268941	15.699	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	231136	16.013	ug/l	99
36) 1,1-Dichloropropene	8.222	75	200947	15.640	ug/l	97
37) Ethyl Acetate	7.410	43	285768	16.161	ug/l	98
38) Carbon Tetrachloride	8.204	117	194090	15.617	ug/l	96
39) Methylcyclohexane	9.457	83	245102	16.216	ug/l	98
40) Benzene	8.457	78	620874	16.039	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	144072	16.649	ug/l #	86
42) 1,2-Dichloroethane	8.527	62	220708	16.384	ug/l	97
43) Isopropyl Acetate	8.557	43	472614	17.873	ug/l #	93
44) Trichloroethene	9.216	130	147762	16.177	ug/l	100
45) 1,2-Dichloropropane	9.486	63	166830	16.054	ug/l	99
46) Dibromomethane	9.574	93	101578	15.881	ug/l	98
47) Bromodichloromethane	9.757	83	204716	15.838	ug/l	97
48) Methyl methacrylate	9.557	41	200004	16.321	ug/l #	84
49) 1,4-Dioxane	9.569	88	71201	334.273	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	1388125	84.587	ug/l	99
52) Toluene	10.504	92	383087	16.071	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	227887	15.994	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	249389	16.019	ug/l	99
55) 1,1,2-Trichloroethane	10.898	97	154744	16.200	ug/l	99
56) Ethyl methacrylate	10.757	69	266370	17.076	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	274852	16.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	428787	144.118	ug/l	95
59) 2-Hexanone	11.080	43	1011336	90.322	ug/l	99
60) Dibromochloromethane	11.233	129	149591	15.762	ug/l	99
61) 1,2-Dibromoethane	11.345	107	156088	15.989	ug/l	99
64) Tetrachloroethene	10.974	164	126113	15.934	ug/l	98
65) Chlorobenzene	11.768	112	407823	16.733	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	144540	16.174	ug/l	100
67) Ethyl Benzene	11.839	91	734601	17.047	ug/l	98
68) m/p-Xylenes	11.951	106	552727	35.062	ug/l	99
69) o-Xylene	12.274	106	279062	17.660	ug/l	97
70) Styrene	12.292	104	443437	18.129	ug/l	97
71) Bromoform	12.457	173	107241	15.802	ug/l #	98
73) Isopropylbenzene	12.574	105	716047	16.623	ug/l	99
74) N-amyl acetate	12.386	43	321568	19.855	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	239334	17.007	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	218545m	18.396	ug/l	
77) Bromobenzene	12.857	156	160255	15.955	ug/l	81
78) n-propylbenzene	12.915	91	780918	16.895	ug/l	97
79) 2-Chlorotoluene	13.004	91	484370	16.325	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	569519	16.994	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	69992	16.932	ug/l	95
82) 4-Chlorotoluene	13.098	91	450961	17.063	ug/l	94
83) tert-Butylbenzene	13.321	119	517150	17.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	554798	17.284	ug/l	99
85) sec-Butylbenzene	13.498	105	700297	17.617	ug/l	99
86) p-Isopropyltoluene	13.610	119	565357	18.084	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	268511	16.452	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	259548	16.269	ug/l	94
89) n-Butylbenzene	13.939	91	438263	17.924	ug/l	95
90) Hexachloroethane	14.209	117	94993	15.280	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	265425	16.916	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44297	17.675	ug/l	91
93) 1,2,4-Trichlorobenzene	15.262	180	128286	19.460	ug/l	96
94) Hexachlorobutadiene	15.368	225	74360	16.882	ug/l	97
95) Naphthalene	15.504	128	400171	22.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	126254	19.746	ug/l	99

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

