

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072331.D
 Acq On : 04 May 2022 16:26
 Operator : JC\MD
 Sample : VN0504MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

Quant Time: May 05 02:20:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	195210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	357670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	323476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	125936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	165445	55.205	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.420%			
35) Dibromofluoromethane	8.022	113	118995	51.979	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.960%			
50) Toluene-d8	10.439	98	433805	48.225	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.727	95	145218	48.636	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	36664	16.644	ug/l	99
3) Chloromethane	2.299	50	47416	18.808	ug/l	99
4) Vinyl Chloride	2.446	62	35716	16.253	ug/l	98
5) Bromomethane	2.840	94	23841	21.381	ug/l	88
6) Chloroethane	3.010	64	25508	19.526	ug/l	92
7) Trichlorofluoromethane	3.369	101	62462	16.270	ug/l	93
8) Diethyl Ether	3.828	74	28415	20.440	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.216	101	35462	17.585	ug/l	95
10) Methyl Iodide	4.428	142	45382	18.539	ug/l	91
11) Tert butyl alcohol	5.363	59	56343	114.403	ug/l	99
12) 1,1-Dichloroethene	4.187	96	31846	17.081	ug/l	98
13) Acrolein	4.040	56	44208	89.196	ug/l	97
14) Allyl chloride	4.840	41	77318	19.973	ug/l	# 93
15) Acrylonitrile	5.551	53	162329	109.225	ug/l	99
16) Acetone	4.287	43	143098	110.749	ug/l	97
17) Carbon Disulfide	4.528	76	72922	16.866	ug/l	96
18) Methyl Acetate	4.851	43	82525	22.825	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	161360	22.079	ug/l	99
20) Methylene Chloride	5.093	84	47998	19.380	ug/l	# 79
21) trans-1,2-Dichloroethene	5.604	96	36949	17.972	ug/l	83
22) Diisopropyl ether	6.492	45	178270	22.357	ug/l	94
23) Vinyl Acetate	6.428	43	756507	112.968	ug/l	# 93
24) 1,1-Dichloroethane	6.381	63	88927	19.938	ug/l	96
25) 2-Butanone	7.334	43	232339	112.910	ug/l	# 87
26) 2,2-Dichloropropane	7.322	77	62862	18.043	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	49386	19.704	ug/l	89
28) Bromochloromethane	7.651	49	47649	23.859	ug/l	# 80
29) Tetrahydrofuran	7.681	42	155625	115.241	ug/l	# 85
30) Chloroform	7.816	83	91217	20.369	ug/l	93
31) Cyclohexane	8.092	56	65879	16.452	ug/l	# 90
32) 1,1,1-Trichloroethane	8.016	97	73395	19.259	ug/l	98
36) 1,1-Dichloropropene	8.216	75	54793	16.443	ug/l	96
37) Ethyl Acetate	7.410	43	92699	20.948	ug/l	# 95
38) Carbon Tetrachloride	8.204	117	59572	16.692	ug/l	98
39) Methylcyclohexane	9.457	83	56321	15.112	ug/l	94
40) Benzene	8.457	78	183628	17.766	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	46853	20.929	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	78526	19.845	ug/l	96
43) Isopropyl Acetate	8.557	43	133534	19.712	ug/l #	94
44) Trichloroethene	9.216	130	42494	17.674	ug/l	89
45) 1,2-Dichloropropane	9.486	63	54362	19.464	ug/l	99
46) Dibromomethane	9.575	93	35254	20.150	ug/l	90
47) Bromodichloromethane	9.757	83	71242	19.406	ug/l	94
48) Methyl methacrylate	9.557	41	62787	21.479	ug/l	90
49) 1,4-Dioxane	9.569	88	19165	373.238	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	454944	108.959	ug/l	91
52) Toluene	10.504	92	111875	18.106	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	70508	19.106	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	77655	19.458	ug/l #	86
55) 1,1,2-Trichloroethane	10.892	97	52829	20.391	ug/l	97
56) Ethyl methacrylate	10.757	69	77468	18.631	ug/l #	80
57) 1,3-Dichloropropane	11.039	76	92067	20.251	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.039	63	92861	88.408	ug/l	93
59) 2-Hexanone	11.080	43	315194	107.145	ug/l	91
60) Dibromochloromethane	11.233	129	53497	20.193	ug/l	100
61) 1,2-Dibromoethane	11.345	107	48382	18.989	ug/l	97
64) Tetrachloroethene	10.974	164	34509	17.723	ug/l	93
65) Chlorobenzene	11.769	112	117068	17.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	46371	18.829	ug/l	99
67) Ethyl Benzene	11.839	91	200022	17.549	ug/l	100
68) m/p-Xylenes	11.951	106	149452	35.310	ug/l	93
69) o-Xylene	12.274	106	78112	19.036	ug/l	97
70) Styrene	12.292	104	122933	19.020	ug/l	97
71) Bromoform	12.457	173	35660	19.469	ug/l #	100
73) Isopropylbenzene	12.574	105	192274	17.287	ug/l	97
74) N-amyl acetate	12.386	43	83356	20.003	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	79075	20.463	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	60123m	20.956	ug/l	
77) Bromobenzene	12.857	156	45301	17.223	ug/l	81
78) n-propylbenzene	12.916	91	206462	16.849	ug/l	96
79) 2-Chlorotoluene	13.004	91	137518	17.086	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	159681	17.238	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	20693	18.999	ug/l	92
82) 4-Chlorotoluene	13.104	91	130184	17.376	ug/l	95
83) tert-Butylbenzene	13.321	119	137496	16.906	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	156106	17.418	ug/l	98
85) sec-Butylbenzene	13.498	105	179577	16.936	ug/l	98
86) p-Isopropyltoluene	13.610	119	141057	17.064	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	75569	17.751	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	72355	17.477	ug/l	96
89) n-Butylbenzene	13.939	91	105906	16.726	ug/l	97
90) Hexachloroethane	14.204	117	29100	16.216	ug/l	81
91) 1,2-Dichlorobenzene	13.980	146	80082	19.085	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	14164	18.412	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	27199	15.763	ug/l	97
94) Hexachlorobutadiene	15.362	225	17579	15.634	ug/l	95
95) Naphthalene	15.498	128	85916	16.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	29164	16.953	ug/l	96

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

