

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070902.D
 Acq On : 2 Feb 2022 19:25
 Operator : JC/MD
 Sample : VN0202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 05:58:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	801920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1329545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1211374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	491305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	532617	49.067	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.140%		
35) Dibromofluoromethane	8.021	113	393259	49.375	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.760%		
50) Toluene-d8	10.440	98	1615038	49.386	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.780%		
62) 4-Bromofluorobenzene	12.731	95	562563	47.742	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	183452	20.618	ug/l	99
3) Chloromethane	2.303	50	239691	21.328	ug/l	97
4) Vinyl Chloride	2.446	62	205099	21.846	ug/l	99
5) Bromomethane	2.842	94	94490	19.677	ug/l	100
6) Chloroethane	3.009	64	92957	21.832	ug/l	99
7) Trichlorofluoromethane	3.371	101	260727	24.868	ug/l	98
8) Diethyl Ether	3.819	74	121862	20.041	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	158695	20.060	ug/l	96
10) Methyl Iodide	4.417	142	225977	19.359	ug/l	96
11) Tert butyl alcohol	5.385	59	249566	109.416	ug/l	99
12) 1,1-Dichloroethene	4.175	96	162940	20.162	ug/l	94
13) Acrolein	4.039	56	247766	98.666	ug/l	99
14) Allyl chloride	4.838	41	371065	20.155	ug/l #	84
15) Acrylonitrile	5.557	53	681643	107.015	ug/l	99
16) Acetone	4.291	43	606236	93.402	ug/l	98
17) Carbon Disulfide	4.524	76	475279	18.937	ug/l	99
18) Methyl Acetate	4.857	43	318202	21.235	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	632512	20.499	ug/l	95
20) Methylene Chloride	5.093	84	193238	19.605	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	169591	19.682	ug/l	87
22) Diisopropyl ether	6.498	45	747069	20.950	ug/l	93
23) Vinyl Acetate	6.434	43	3269596	103.659	ug/l	95
24) 1,1-Dichloroethane	6.385	63	361694	20.144	ug/l	99
25) 2-Butanone	7.337	43	975854	104.159	ug/l	93
26) 2,2-Dichloropropane	7.324	77	271498	19.253	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	202295	19.878	ug/l	89
28) Bromochloromethane	7.659	49	160399	20.472	ug/l #	78
29) Tetrahydrofuran	7.686	42	673693	110.703	ug/l	88
30) Chloroform	7.820	83	341880	20.015	ug/l	98
31) Cyclohexane	8.094	56	367553	19.929	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	288435	20.005	ug/l	98
36) 1,1-Dichloropropene	8.220	75	254842	19.695	ug/l	96
37) Ethyl Acetate	7.415	43	384550	21.564	ug/l	98
38) Carbon Tetrachloride	8.206	117	233138	19.730	ug/l	98
39) Methylcyclohexane	9.459	83	319716	20.100	ug/l	89
40) Benzene	8.459	78	810568	19.940	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	188071	20.990	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	279709	20.212	ug/l	100
43) Isopropyl Acetate	8.563	43	587860	19.609	ug/l #	95
44) Trichloroethene	9.215	130	183371	19.494	ug/l	93
45) 1,2-Dichloropropane	9.491	63	220851	20.288	ug/l	99
46) Dibromomethane	9.577	93	130998	20.089	ug/l	96
47) Bromodichloromethane	9.762	83	261275	19.891	ug/l	100
48) Methyl methacrylate	9.561	41	278947	21.581	ug/l #	78
49) 1,4-Dioxane	9.572	88	97965	452.440	ug/l #	87
51) 4-Methyl-2-Pentanone	10.331	43	1913552	108.443	ug/l	98
52) Toluene	10.505	92	494308	19.625	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	289224	19.511	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	318603	19.761	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	194856	20.370	ug/l	98
56) Ethyl methacrylate	10.762	69	338148	20.296	ug/l	89
57) 1,3-Dichloropropane	11.047	76	342177	20.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	387481	98.787	ug/l	91
59) 2-Hexanone	11.087	43	1397491	108.473	ug/l	97
60) Dibromochloromethane	11.240	129	186602	19.668	ug/l	99
61) 1,2-Dibromoethane	11.344	107	197830	20.109	ug/l	99
64) Tetrachloroethene	10.977	164	159068	20.062	ug/l	96
65) Chlorobenzene	11.771	112	500739	19.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	175760	19.862	ug/l	99
67) Ethyl Benzene	11.846	91	933128	20.190	ug/l	97
68) m/p-Xylenes	11.953	106	692518	40.440	ug/l	94
69) o-Xylene	12.280	106	343513	20.043	ug/l	94
70) Styrene	12.294	104	551478	20.416	ug/l	97
71) Bromoform	12.457	173	139987	19.160	ug/l #	100
73) Isopropylbenzene	12.578	105	887341	20.700	ug/l	98
74) N-amyl acetate	12.388	43	397990	20.731	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	313685	21.127	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	259118m	21.912	ug/l	
77) Bromobenzene	12.860	156	203493	19.802	ug/l	77
78) n-propylbenzene	12.921	91	1000991	20.476	ug/l	96
79) 2-Chlorotoluene	13.007	91	618633	20.351	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	720727	20.741	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	88104	20.195	ug/l	94
82) 4-Chlorotoluene	13.104	91	592837	20.235	ug/l	92
83) tert-Butylbenzene	13.324	119	619903	20.455	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	704818	20.742	ug/l	97
85) sec-Butylbenzene	13.501	105	861274	20.313	ug/l	97
86) p-Isopropyltoluene	13.616	119	684315	20.467	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	342151	20.016	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	332021	19.418	ug/l	97
89) n-Butylbenzene	13.943	91	559311	18.982	ug/l	97
90) Hexachloroethane	14.209	117	116320	19.630	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	327866	19.993	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55670	20.691	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	167349	18.441	ug/l	98
94) Hexachlorobutadiene	15.367	225	109049	19.911	ug/l	99
95) Naphthalene	15.507	128	478612	20.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	166669	20.303	ug/l	99

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

