

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076333.D
 Acq On : 19 Jan 2023 19:19
 Operator : JC\MD
 Sample : VN0119MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 01:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	328776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	479486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183992	49.981	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.960%		
35) Dibromofluoromethane	8.171	113	164357	48.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.860%		
50) Toluene-d8	10.571	98	608998	49.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.180%		
62) 4-Bromofluorobenzene	12.853	95	207950	51.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67950	20.168	ug/l	98
3) Chloromethane	2.377	50	67036	19.217	ug/l	93
4) Vinyl Chloride	2.524	62	84963	19.864	ug/l	99
5) Bromomethane	2.953	94	79447	22.681	ug/l	96
6) Chloroethane	3.124	64	64241	20.029	ug/l	96
7) Trichlorofluoromethane	3.506	101	116156	19.739	ug/l	94
8) Diethyl Ether	3.977	74	40873	20.708	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	63320	19.008	ug/l	99
10) Methyl Iodide	4.600	142	100411	19.733	ug/l	98
11) Tert butyl alcohol	5.542	59	50032	101.610	ug/l	99
12) 1,1-Dichloroethene	4.359	96	61914	19.661	ug/l	96
13) Acrolein	4.195	56	56275	95.567	ug/l	100
14) Allyl chloride	5.036	41	67693	18.446	ug/l	97
15) Acrylonitrile	5.730	53	140102	99.988	ug/l	97
16) Acetone	4.442	43	110742	93.795	ug/l	94
17) Carbon Disulfide	4.724	76	135226	17.246	ug/l	95
18) Methyl Acetate	5.042	43	78068	19.520	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	217194	21.186	ug/l	99
20) Methylene Chloride	5.289	84	76585	21.590	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	63798	18.701	ug/l	98
22) Diisopropyl ether	6.683	45	176377	20.380	ug/l	97
23) Vinyl Acetate	6.618	43	562077	100.493	ug/l	99
24) 1,1-Dichloroethane	6.577	63	112743	19.544	ug/l	98
25) 2-Butanone	7.494	43	173463	96.242	ug/l	99
26) 2,2-Dichloropropane	7.500	77	87437	17.984	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	77255	19.416	ug/l	100
28) Bromochloromethane	7.824	49	50352	21.535	ug/l	96
29) Tetrahydrofuran	7.847	42	114079	102.553	ug/l	98
30) Chloroform	7.971	83	128317	20.103	ug/l	100
31) Cyclohexane	8.259	56	103677	18.334	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	116321	19.960	ug/l	92
36) 1,1-Dichloropropene	8.377	75	88513	18.544	ug/l	98
37) Ethyl Acetate	7.565	43	75814	19.825	ug/l	99
38) Carbon Tetrachloride	8.365	117	101476	19.065	ug/l	98
39) Methylcyclohexane	9.606	83	112019	19.218	ug/l	96
40) Benzene	8.612	78	275801	19.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	38821	19.366	ug/l	95
42) 1,2-Dichloroethane	8.677	62	94047	19.259	ug/l	99
43) Isopropyl Acetate	8.694	43	124449	19.982	ug/l	99
44) Trichloroethene	9.359	130	78272	19.390	ug/l	90
45) 1,2-Dichloropropane	9.630	63	65931	19.294	ug/l	97
46) Dibromomethane	9.712	93	51266	19.871	ug/l	98
47) Bromodichloromethane	9.888	83	99415	19.868	ug/l	98
48) Methyl methacrylate	9.682	41	58168	19.728	ug/l	97
49) 1,4-Dioxane	9.700	88	26645	428.272	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	375698	102.758	ug/l	99
52) Toluene	10.635	92	184356	19.316	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	95149	19.947	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	107481	19.585	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	73340	20.103	ug/l	96
56) Ethyl methacrylate	10.877	69	101215	21.490	ug/l	98
57) 1,3-Dichloropropane	11.165	76	120115	20.260	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	138483	87.095	ug/l	98
59) 2-Hexanone	11.200	43	271709	102.553	ug/l	100
60) Dibromochloromethane	11.359	129	78963	20.561	ug/l	99
61) 1,2-Dibromoethane	11.471	107	72676	19.958	ug/l	98
64) Tetrachloroethene	11.106	164	83049	19.206	ug/l	98
65) Chlorobenzene	11.894	112	195533	19.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	73888	19.593	ug/l	98
67) Ethyl Benzene	11.965	91	347172	20.013	ug/l	99
68) m/p-Xylenes	12.076	106	279661	40.205	ug/l	98
69) o-Xylene	12.400	106	137816	20.175	ug/l	98
70) Styrene	12.412	104	219383	20.114	ug/l	99
71) Bromoform	12.582	173	55773	20.479	ug/l #	99
73) Isopropylbenzene	12.700	105	353166	20.444	ug/l	100
74) N-amyl acetate	12.494	43	105012	21.133	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	98775	19.890	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90095m	21.609	ug/l	
77) Bromobenzene	12.982	156	85534	20.851	ug/l	100
78) n-propylbenzene	13.035	91	385356	19.770	ug/l	100
79) 2-Chlorotoluene	13.129	91	237906	19.890	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	299169	20.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24083	17.944	ug/l	95
82) 4-Chlorotoluene	13.129	91	237906	19.890	ug/l	100
83) tert-Butylbenzene	13.441	119	275562	21.409	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	297409	20.495	ug/l	100
85) sec-Butylbenzene	13.618	105	360374	20.177	ug/l	100
86) p-Isopropyltoluene	13.729	119	303233	20.647	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	153051	18.798	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	151385	19.607	ug/l	100
89) n-Butylbenzene	14.059	91	222358	19.072	ug/l	98
90) Hexachloroethane	14.341	117	49829	19.658	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	156715	19.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16492	19.105	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	71625	19.107	ug/l	99
94) Hexachlorobutadiene	15.506	225	39654	18.426	ug/l	98
95) Naphthalene	15.647	128	212892	19.513	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	68011	18.942	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

