

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076811.D
 Acq On : 24 Feb 2023 15:50
 Operator : JC\MD
 Sample : VN0224MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

Quant Time: Feb 25 01:46:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	245660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	476342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	442499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	203544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	221835	65.396	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 130.800%#			
35) Dibromofluoromethane	8.172	113	157692	50.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	10.566	98	618438	53.086	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.854	95	203826	52.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	46639	17.880	ug/l	99
3) Chloromethane	2.372	50	63125	18.548	ug/l	99
4) Vinyl Chloride	2.525	62	61160	18.260	ug/l	94
5) Bromomethane	2.960	94	45865	22.599	ug/l	84
6) Chloroethane	3.131	64	44831	21.179	ug/l #	88
7) Trichlorofluoromethane	3.507	101	78417	17.207	ug/l	99
8) Diethyl Ether	3.966	74	39692	22.603	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.390	101	48574	18.140	ug/l	98
10) Methyl Iodide	4.601	142	67755	20.489	ug/l	96
11) Tert butyl alcohol	5.525	59	55773	124.560	ug/l	99
12) 1,1-Dichloroethene	4.360	96	43614	17.200	ug/l	99
13) Acrolein	4.184	56	70388	104.709	ug/l	98
14) Allyl chloride	5.031	41	81813	18.621	ug/l	95
15) Acrylonitrile	5.737	53	182719	114.985	ug/l	97
16) Acetone	4.443	43	160517	105.934	ug/l	97
17) Carbon Disulfide	4.719	76	99804	14.908	ug/l	97
18) Methyl Acetate	5.043	43	123302	24.929	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	202199	23.652	ug/l	98
20) Methylene Chloride	5.290	84	66057	20.801	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	51160	17.924	ug/l #	91
22) Diisopropyl ether	6.678	45	243802	23.659	ug/l	97
23) Vinyl Acetate	6.613	43	769302	126.176	ug/l	97
24) 1,1-Dichloroethane	6.578	63	116906	20.700	ug/l #	95
25) 2-Butanone	7.489	43	257672	115.283	ug/l	96
26) 2,2-Dichloropropane	7.501	77	77224	18.957	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	67012	19.794	ug/l	93
28) Bromochloromethane	7.819	49	68027	25.308	ug/l	92
29) Tetrahydrofuran	7.848	42	174891	119.762	ug/l	98
30) Chloroform	7.966	83	117873	20.889	ug/l	94
31) Cyclohexane	8.260	56	96215	18.082	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	90386	19.051	ug/l	94
36) 1,1-Dichloropropene	8.378	75	74547	16.540	ug/l	98
37) Ethyl Acetate	7.566	43	105381	22.222	ug/l	97
38) Carbon Tetrachloride	8.366	117	72428	15.930	ug/l	94
39) Methylcyclohexane	9.601	83	85748	16.737	ug/l	97
40) Benzene	8.613	78	262710	18.980	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	58078	21.141	ug/l	94
42) 1,2-Dichloroethane	8.672	62	98565	20.418	ug/l	98
43) Isopropyl Acetate	8.695	43	192543	24.952	ug/l	94
44) Trichloroethene	9.360	130	54017	16.515	ug/l	96
45) 1,2-Dichloropropane	9.625	63	72534	19.797	ug/l	99
46) Dibromomethane	9.707	93	44845	19.145	ug/l	96
47) Bromodichloromethane	9.895	83	93459	19.901	ug/l #	95
48) Methyl methacrylate	9.683	41	79882	21.816	ug/l	97
49) 1,4-Dioxane	9.695	88	28855	455.558	ug/l	92
51) 4-Methyl-2-Pentanone	10.448	43	556768	113.404	ug/l	98
52) Toluene	10.630	92	164337	19.666	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	93435	20.613	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	101298	19.374	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	70017	20.605	ug/l	94
56) Ethyl methacrylate	10.872	69	102080	21.343	ug/l	93
57) 1,3-Dichloropropane	11.166	76	117787	20.176	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	233289	106.502	ug/l	96
59) 2-Hexanone	11.201	43	400629	113.172	ug/l	100
60) Dibromochloromethane	11.360	129	66684	18.620	ug/l	99
61) 1,2-Dibromoethane	11.472	107	68500	20.140	ug/l	94
64) Tetrachloroethene	11.107	164	44665	16.017	ug/l	94
65) Chlorobenzene	11.895	112	170822	18.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	61259	17.984	ug/l	98
67) Ethyl Benzene	11.966	91	296098	18.533	ug/l	100
68) m/p-Xylenes	12.072	106	228040	37.030	ug/l	97
69) o-Xylene	12.401	106	117092	19.496	ug/l	100
70) Styrene	12.413	104	190656	19.630	ug/l	99
71) Bromoform	12.583	173	44666	17.877	ug/l #	97
73) Isopropylbenzene	12.695	105	276666	18.545	ug/l	98
74) N-amyl acetate	12.495	43	144085	21.426	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	108900	20.165	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	93792m	22.792	ug/l	
77) Bromobenzene	12.983	156	69827	18.759	ug/l	93
78) n-propylbenzene	13.036	91	335164	19.132	ug/l	99
79) 2-Chlorotoluene	13.130	91	210785	19.651	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	241374	19.577	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	26315	18.625	ug/l	97
82) 4-Chlorotoluene	13.130	91	210785	19.651	ug/l	95
83) tert-Butylbenzene	13.442	119	210721	18.892	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	246479	20.059	ug/l	99
85) sec-Butylbenzene	13.618	105	301144	19.338	ug/l	97
86) p-Isopropyltoluene	13.730	119	240568	19.346	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	129743	18.439	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	129279	18.450	ug/l	98
89) n-Butylbenzene	14.060	91	192632	17.811	ug/l	98
90) Hexachloroethane	14.336	117	45141	17.337	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	134572	18.656	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18833	18.000	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	57295	15.923	ug/l	99
94) Hexachlorobutadiene	15.501	225	27628	15.666	ug/l	96
95) Naphthalene	15.642	128	198433	18.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	61208	17.558	ug/l	98

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

