

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076209.D
 Acq On : 11 Jan 2023 14:52
 Operator : JC\MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:36:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	386296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	549220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	188320	44.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.620%		
35) Dibromofluoromethane	8.171	113	174542	45.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.360%		
50) Toluene-d8	10.570	98	624257	43.693	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.380%		
62) 4-Bromofluorobenzene	12.847	95	219061	46.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	65765	23.977	ug/l	94
3) Chloromethane	2.377	50	66233	19.419	ug/l	95
4) Vinyl Chloride	2.530	62	79666	19.582	ug/l	99
5) Bromomethane	2.965	94	62831	18.172	ug/l	92
6) Chloroethane	3.130	64	54953	18.240	ug/l	96
7) Trichlorofluoromethane	3.512	101	114940	18.619	ug/l	96
8) Diethyl Ether	3.971	74	41197	18.271	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	64254	18.227	ug/l	100
10) Methyl Iodide	4.606	142	100451	17.559	ug/l	98
11) Tert butyl alcohol	5.536	59	48905	82.241	ug/l	99
12) 1,1-Dichloroethene	4.353	96	60650	17.715	ug/l	98
13) Acrolein	4.189	56	61569	84.454	ug/l	99
14) Allyl chloride	5.041	41	69607	17.392	ug/l	90
15) Acrylonitrile	5.736	53	140253	86.428	ug/l	99
16) Acetone	4.447	43	116502	80.418	ug/l	99
17) Carbon Disulfide	4.730	76	124347	15.001	ug/l	98
18) Methyl Acetate	5.036	43	81960	19.140	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	214548	19.029	ug/l	95
20) Methylene Chloride	5.289	84	71968	18.163	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	63507	16.937	ug/l	96
22) Diisopropyl ether	6.677	45	179379	18.450	ug/l	97
23) Vinyl Acetate	6.612	43	562311	85.928	ug/l	98
24) 1,1-Dichloroethane	6.583	63	116066	17.900	ug/l	98
25) 2-Butanone	7.488	43	177346	87.430	ug/l	97
26) 2,2-Dichloropropane	7.500	77	92171	16.785	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	77597	17.304	ug/l	95
28) Bromochloromethane	7.818	49	54875	19.309	ug/l	97
29) Tetrahydrofuran	7.847	42	115512	90.871	ug/l	99
30) Chloroform	7.971	83	128674	17.625	ug/l	93
31) Cyclohexane	8.265	56	101938	16.937	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	115801	17.892	ug/l	96
36) 1,1-Dichloropropene	8.377	75	90018	17.733	ug/l	98
37) Ethyl Acetate	7.571	43	75260	18.458	ug/l	97
38) Carbon Tetrachloride	8.371	117	98639	17.362	ug/l	93
39) Methylcyclohexane	9.606	83	115003	18.779	ug/l	97
40) Benzene	8.612	78	281590	17.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	37768	17.820	ug/l	94
42) 1,2-Dichloroethane	8.677	62	94155	18.083	ug/l	99
43) Isopropyl Acetate	8.694	43	129893	19.312	ug/l	98
44) Trichloroethene	9.359	130	78040	17.687	ug/l	95
45) 1,2-Dichloropropane	9.623	63	67207	17.634	ug/l	99
46) Dibromomethane	9.712	93	48988	17.330	ug/l	98
47) Bromodichloromethane	9.894	83	95511	17.229	ug/l	93
48) Methyl methacrylate	9.682	41	56796	18.749	ug/l	98
49) 1,4-Dioxane	9.694	88	24931	334.758	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	375240	92.251	ug/l	99
52) Toluene	10.629	92	187259	18.358	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	95235	17.550	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	107991	18.126	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	73246	18.295	ug/l	97
56) Ethyl methacrylate	10.876	69	98837	18.586	ug/l	97
57) 1,3-Dichloropropane	11.165	76	120027	18.277	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	150699	89.007	ug/l	100
59) 2-Hexanone	11.200	43	270641	91.236	ug/l	98
60) Dibromochloromethane	11.359	129	76810	17.251	ug/l	98
61) 1,2-Dibromoethane	11.470	107	73762	18.206	ug/l	99
64) Tetrachloroethene	11.106	164	82966	21.467	ug/l	96
65) Chlorobenzene	11.894	112	196800	17.458	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	74451	17.831	ug/l	100
67) Ethyl Benzene	11.965	91	352930	18.551	ug/l	99
68) m/p-Xylenes	12.070	106	284664	37.803	ug/l	99
69) o-Xylene	12.400	106	142455	19.116	ug/l	99
70) Styrene	12.412	104	224211	18.923	ug/l	98
71) Bromoform	12.582	173	52301	17.214	ug/l #	99
73) Isopropylbenzene	12.700	105	365929	19.650	ug/l	100
74) N-amyl acetate	12.494	43	104111	19.057	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	97782	16.985	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	96384m	18.555	ug/l	
77) Bromobenzene	12.982	156	85501	18.142	ug/l	98
78) n-propylbenzene	13.035	91	401408	19.543	ug/l	100
79) 2-Chlorotoluene	13.129	91	242869	18.943	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	304397	19.530	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24617	17.058	ug/l	93
82) 4-Chlorotoluene	13.129	91	242869	18.943	ug/l	100
83) tert-Butylbenzene	13.441	119	284442	20.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	302592	19.570	ug/l	98
85) sec-Butylbenzene	13.617	105	369506	19.482	ug/l	98
86) p-Isopropyltoluene	13.729	119	313614	19.872	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	154879	17.791	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	151227	17.005	ug/l	98
89) n-Butylbenzene	14.059	91	237982	18.613	ug/l	100
90) Hexachloroethane	14.335	117	51284	18.166	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	151807	17.704	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14451	14.147	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	70390	16.581	ug/l	99
94) Hexachlorobutadiene	15.500	225	38941	16.813	ug/l	98
95) Naphthalene	15.641	128	244468	18.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69930	17.624	ug/l	99

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

