

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078180.D
 Acq On : 13 Jun 2023 12:13
 Operator : JC\MD
 Sample : VN0613MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 02:17:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	409949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	639572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	278929	51.031	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.060%			
35) Dibromofluoromethane	8.177	113	230551	49.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	10.570	98	881231	49.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.853	95	269741	48.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71317	15.390	ug/l	89
3) Chloromethane	2.371	50	87911	19.035	ug/l	95
4) Vinyl Chloride	2.524	62	108874	17.942	ug/l	95
5) Bromomethane	2.959	94	85750	18.699	ug/l	95
6) Chloroethane	3.124	64	75411	18.230	ug/l	90
7) Trichlorofluoromethane	3.506	101	141437	17.188	ug/l	99
8) Diethyl Ether	3.977	74	51749	17.898	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	77084	17.750	ug/l	97
10) Methyl Iodide	4.594	142	109112	17.766	ug/l	96
11) Tert butyl alcohol	5.530	59	73650	97.585	ug/l	97
12) 1,1-Dichloroethene	4.341	96	77769	17.372	ug/l #	88
13) Acrolein	4.194	56	71854	86.383	ug/l	98
14) Allyl chloride	5.036	41	98223	17.974	ug/l	92
15) Acrylonitrile	5.730	53	198192	101.857	ug/l	99
16) Acetone	4.441	43	149099	94.770	ug/l	93
17) Carbon Disulfide	4.718	76	189663	16.460	ug/l	97
18) Methyl Acetate	5.041	43	140618	19.413	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	262961	18.411	ug/l	99
20) Methylene Chloride	5.294	84	92021	17.700	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	86306	17.875	ug/l	88
22) Diisopropyl ether	6.683	45	251544	19.569	ug/l	96
23) Vinyl Acetate	6.612	43	734593	96.138	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	162531	19.167	ug/l	95
25) 2-Butanone	7.488	43	246069	101.708	ug/l	91
26) 2,2-Dichloropropane	7.494	77	127759	20.405	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	102333	17.768	ug/l	91
28) Bromochloromethane	7.824	49	71777	18.436	ug/l	87
29) Tetrahydrofuran	7.847	42	149469	92.415	ug/l	88
30) Chloroform	7.971	83	172894	18.935	ug/l	93
31) Cyclohexane	8.271	56	126783	18.082	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	150657	18.794	ug/l	99
36) 1,1-Dichloropropene	8.377	75	121396	18.333	ug/l	98
37) Ethyl Acetate	7.571	43	99611	19.257	ug/l	95
38) Carbon Tetrachloride	8.371	117	134828	19.284	ug/l	95
39) Methylcyclohexane	9.606	83	113401	16.525	ug/l	91
40) Benzene	8.612	78	372613	18.849	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	53306	19.012	ug/l	93
42) 1,2-Dichloroethane	8.682	62	131173	19.353	ug/l	98
43) Isopropyl Acetate	8.694	43	181284	18.325	ug/l #	93
44) Trichloroethene	9.359	130	94266	18.057	ug/l	97
45) 1,2-Dichloropropane	9.623	63	96639	19.649	ug/l	97
46) Dibromomethane	9.718	93	69956	19.310	ug/l	96
47) Bromodichloromethane	9.894	83	137345	20.410	ug/l	95
48) Methyl methacrylate	9.682	41	82394	19.846	ug/l	87
49) 1,4-Dioxane	9.700	88	32310	370.287	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	527410	101.241	ug/l	92
52) Toluene	10.635	92	236603	18.957	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	134245	19.155	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	150808	19.467	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	95733	20.276	ug/l	98
56) Ethyl methacrylate	10.876	69	133995	19.491	ug/l	91
57) 1,3-Dichloropropane	11.170	76	159759	20.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	267280	96.239	ug/l	93
59) 2-Hexanone	11.200	43	365183	100.677	ug/l	90
60) Dibromochloromethane	11.365	129	100311	19.415	ug/l	98
61) 1,2-Dibromoethane	11.476	107	97377	19.653	ug/l	97
64) Tetrachloroethene	11.112	164	78922	18.497	ug/l	96
65) Chlorobenzene	11.894	112	247911	18.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	93450	18.550	ug/l	97
67) Ethyl Benzene	11.970	91	435469	18.426	ug/l	97
68) m/p-Xylenes	12.076	106	327886	36.404	ug/l	99
69) o-Xylene	12.400	106	160498	18.146	ug/l	94
70) Styrene	12.417	104	250778	18.010	ug/l	97
71) Bromoform	12.582	173	62455	19.211	ug/l #	100
73) Isopropylbenzene	12.700	105	408470	18.302	ug/l	99
74) N-amyl acetate	12.500	43	130403	17.743	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	132831	20.180	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	105312m	18.875	ug/l	
77) Bromobenzene	12.988	156	92570	17.867	ug/l	98
78) n-propylbenzene	13.041	91	453504	18.703	ug/l	100
79) 2-Chlorotoluene	13.129	91	286634	18.313	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	333517	18.458	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	32297	17.784	ug/l #	75
82) 4-Chlorotoluene	13.229	91	268241	18.362	ug/l	100
83) tert-Butylbenzene	13.441	119	284353	18.104	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	329009	18.781	ug/l	99
85) sec-Butylbenzene	13.623	105	367114	17.857	ug/l	100
86) p-Isopropyltoluene	13.735	119	297557	17.836	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	154785	17.662	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	147077	17.393	ug/l	98
89) n-Butylbenzene	14.064	91	214897	16.331	ug/l	99
90) Hexachloroethane	14.341	117	53798	18.171	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	157053	18.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20701	18.726	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	44310	14.520	ug/l	93
94) Hexachlorobutadiene	15.505	225	25408	15.117	ug/l	97
95) Naphthalene	15.647	128	142909	13.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	53006	15.531	ug/l	96

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

