

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078066.D
 Acq On : 06 Jun 2023 13:03
 Operator : JC\MD
 Sample : VN0606MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	606318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243001	48.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.420%		
35) Dibromofluoromethane	8.171	113	208876	52.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.660%		
50) Toluene-d8	10.571	98	744877	48.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.853	95	240336	44.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	57422	15.134	ug/l	96
3) Chloromethane	2.371	50	67798	15.622	ug/l	96
4) Vinyl Chloride	2.518	62	83955	17.550	ug/l	94
5) Bromomethane	2.959	94	72549	20.506	ug/l	94
6) Chloroethane	3.130	64	66048	19.158	ug/l	93
7) Trichlorofluoromethane	3.506	101	126827	19.024	ug/l	99
8) Diethyl Ether	3.971	74	47105	19.355	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	72841	19.743	ug/l #	84
10) Methyl Iodide	4.606	142	87947	19.988	ug/l	95
11) Tert butyl alcohol	5.542	59	64592	93.823	ug/l	99
12) 1,1-Dichloroethene	4.353	96	65693	18.735	ug/l	89
13) Acrolein	4.195	56	42253	79.002	ug/l	99
14) Allyl chloride	5.036	41	97434	18.915	ug/l	95
15) Acrylonitrile	5.730	53	179461	97.573	ug/l	99
16) Acetone	4.442	43	153326	97.697	ug/l	94
17) Carbon Disulfide	4.724	76	136137	14.409	ug/l	95
18) Methyl Acetate	5.042	43	131630	19.993	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	253038	19.936	ug/l	97
20) Methylene Chloride	5.283	84	86261	19.929	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	76804	19.499	ug/l	96
22) Diisopropyl ether	6.677	45	233561	19.344	ug/l #	93
23) Vinyl Acetate	6.612	43	690689	92.327	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	148241	20.040	ug/l	96
25) 2-Butanone	7.488	43	227229	92.557	ug/l	91
26) 2,2-Dichloropropane	7.506	77	124692	19.841	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	97816	20.711	ug/l	93
28) Bromochloromethane	7.824	49	57005	17.819	ug/l	87
29) Tetrahydrofuran	7.847	42	145652	90.606	ug/l #	85
30) Chloroform	7.971	83	165951	20.394	ug/l	92
31) Cyclohexane	8.259	56	109812	16.197	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	143314	20.716	ug/l	97
36) 1,1-Dichloropropene	8.377	75	115025	19.890	ug/l	96
37) Ethyl Acetate	7.571	43	91121	17.678	ug/l	97
38) Carbon Tetrachloride	8.371	117	119804	20.516	ug/l	95
39) Methylcyclohexane	9.606	83	106328	15.019	ug/l	91
40) Benzene	8.618	78	342582	20.075	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	47980	17.479	ug/l	94
42) 1,2-Dichloroethane	8.677	62	125129	20.185	ug/l	97
43) Isopropyl Acetate	8.694	43	170690	20.274	ug/l #	93
44) Trichloroethene	9.365	130	88247	20.422	ug/l	94
45) 1,2-Dichloropropane	9.624	63	91664	21.058	ug/l	99
46) Dibromomethane	9.712	93	63632	20.429	ug/l	96
47) Bromodichloromethane	9.894	83	129652	21.742	ug/l	95
48) Methyl methacrylate	9.688	41	74796	18.738	ug/l	90
49) 1,4-Dioxane	9.700	88	31792	421.688	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	498893	99.690	ug/l	92
52) Toluene	10.635	92	217926	20.513	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	127722	20.226	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	141093	20.275	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	88739	21.036	ug/l	95
56) Ethyl methacrylate	10.882	69	123505	19.364	ug/l	91
57) 1,3-Dichloropropane	11.171	76	149314	20.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	229653	73.189	ug/l	92
59) 2-Hexanone	11.200	43	338938	91.565	ug/l	93
60) Dibromochloromethane	11.365	129	94376	21.672	ug/l	97
61) 1,2-Dibromoethane	11.476	107	88575	21.048	ug/l	100
64) Tetrachloroethene	11.106	164	69855	19.562	ug/l	95
65) Chlorobenzene	11.894	112	229371	20.720	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	88830	23.191	ug/l	97
67) Ethyl Benzene	11.971	91	405123	20.422	ug/l	100
68) m/p-Xylenes	12.076	106	311500	41.441	ug/l	98
69) o-Xylene	12.406	106	154418	20.889	ug/l	97
70) Styrene	12.418	104	245735	20.926	ug/l	99
71) Bromoform	12.582	173	56602	22.214	ug/l #	99
73) Isopropylbenzene	12.700	105	391842	22.675	ug/l	99
74) N-amyl acetate	12.500	43	120934	18.933	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	126587	23.811	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	114275m	22.761	ug/l	
77) Bromobenzene	12.982	156	89387	22.666	ug/l	97
78) n-propylbenzene	13.041	91	430704	21.141	ug/l	99
79) 2-Chlorotoluene	13.129	91	278729	22.927	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	319199	21.977	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35651	22.698	ug/l	96
82) 4-Chlorotoluene	13.229	91	253608	20.967	ug/l	100
83) tert-Butylbenzene	13.441	119	276266	21.789	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	311358	21.798	ug/l	97
85) sec-Butylbenzene	13.623	105	356258	19.771	ug/l	99
86) p-Isopropyltoluene	13.735	119	285995	19.908	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	149993	20.566	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	145096	20.049	ug/l	99
89) n-Butylbenzene	14.059	91	210012	15.894	ug/l	100
90) Hexachloroethane	14.341	117	54558	23.118	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	152776	22.423	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19711	19.151	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	45566	11.444	ug/l	95
94) Hexachlorobutadiene	15.506	225	30308	18.334	ug/l	96
95) Naphthalene	15.647	128	137861	10.060	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	54588	14.003	ug/l	100

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

