

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078010.D
 Acq On : 01 Jun 2023 15:01
 Operator : JC\MD
 Sample : VN0601MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:51:03 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	8.235	168	373218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	673566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	580100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	292131	52.313	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.620%			
35) Dibromofluoromethane	8.177	113	244083	55.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.140%			
50) Toluene-d8	10.576	98	899223	53.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.859	95	298780	50.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	73520	17.309	ug/l	98
3) Chloromethane	2.371	50	82702	17.189	ug/l	97
4) Vinyl Chloride	2.518	62	102482	19.137	ug/l	99
5) Bromomethane	2.959	94	82431	20.813	ug/l	100
6) Chloroethane	3.130	64	74565	19.321	ug/l	92
7) Trichlorofluoromethane	3.506	101	152351	20.414	ug/l	99
8) Diethyl Ether	3.965	74	55005	20.189	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	88849	21.512	ug/l	98
10) Methyl Iodide	4.600	142	102290	20.767	ug/l	95
11) Tert butyl alcohol	5.536	59	78317	101.620	ug/l	100
12) 1,1-Dichloroethene	4.353	96	78360	19.962	ug/l	90
13) Acrolein	4.189	56	37162	55.110	ug/l	100
14) Allyl chloride	5.030	41	121208	21.019	ug/l #	92
15) Acrylonitrile	5.730	53	195070	94.741	ug/l	94
16) Acetone	4.442	43	201690	114.799	ug/l	92
17) Carbon Disulfide	4.724	76	186669	17.649	ug/l	99
18) Methyl Acetate	5.036	43	149574	20.294	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	290251	20.428	ug/l	95
20) Methylene Chloride	5.283	84	97711	20.190	ug/l #	92
21) trans-1,2-Dichloroethene	5.794	96	85953	19.493	ug/l	84
22) Diisopropyl ether	6.677	45	273778	20.255	ug/l #	92
23) Vinyl Acetate	6.612	43	801137	95.663	ug/l	93
24) 1,1-Dichloroethane	6.583	63	175963	21.249	ug/l	96
25) 2-Butanone	7.494	43	278239	101.240	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	149456	21.244	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	109435	20.699	ug/l	91
28) Bromochloromethane	7.824	49	77650	21.682	ug/l	86
29) Tetrahydrofuran	7.847	42	170317	94.643	ug/l #	85
30) Chloroform	7.977	83	185611	20.376	ug/l	98
31) Cyclohexane	8.265	56	142362	18.757	ug/l	91
32) 1,1,1-Trichloroethane	8.182	97	165628	21.386	ug/l	98
36) 1,1-Dichloropropene	8.382	75	135445	21.083	ug/l	99
37) Ethyl Acetate	7.571	43	112554	19.656	ug/l #	94
38) Carbon Tetrachloride	8.371	117	144340	22.250	ug/l	96
39) Methylcyclohexane	9.606	83	150244	19.103	ug/l #	89
40) Benzene	8.612	78	407347	21.487	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	56494	18.526	ug/l	93
42) 1,2-Dichloroethane	8.682	62	146333	21.249	ug/l	97
43) Isopropyl Acetate	8.700	43	183955	19.668	ug/l	95
44) Trichloroethene	9.359	130	108027	22.504	ug/l	99
45) 1,2-Dichloropropane	9.629	63	106699	22.065	ug/l	92
46) Dibromomethane	9.718	93	75681	21.872	ug/l	97
47) Bromodichloromethane	9.894	83	150382	22.700	ug/l	95
48) Methyl methacrylate	9.688	41	90513	20.412	ug/l #	84
49) 1,4-Dioxane	9.700	88	37776	451.034	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	570383	102.596	ug/l	92
52) Toluene	10.635	92	266337	22.566	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	147444	21.018	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	165942	21.465	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	103466	22.079	ug/l	97
56) Ethyl methacrylate	10.882	69	142553	20.119	ug/l #	91
57) 1,3-Dichloropropane	11.170	76	172310	21.448	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	253951	72.853	ug/l	93
59) 2-Hexanone	11.200	43	402477	97.875	ug/l	92
60) Dibromochloromethane	11.365	129	107856	22.294	ug/l	99
61) 1,2-Dibromoethane	11.476	107	101303	21.669	ug/l	98
64) Tetrachloroethene	11.112	164	100733	24.831	ug/l	94
65) Chlorobenzene	11.900	112	278143	22.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.970	131	105024	24.136	ug/l	97
67) Ethyl Benzene	11.970	91	493995	21.920	ug/l	96
68) m/p-Xylenes	12.082	106	374340	43.837	ug/l	98
69) o-Xylene	12.406	106	186704	22.232	ug/l	99
70) Styrene	12.417	104	294462	22.072	ug/l	99
71) Bromoform	12.588	173	65446	22.609	ug/l #	98
73) Isopropylbenzene	12.706	105	476949	23.213	ug/l	99
74) N-amyl acetate	12.500	43	147586	19.433	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	142052	22.473	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	123095m	20.621	ug/l	
77) Bromobenzene	12.988	156	104485	22.283	ug/l	99
78) n-propylbenzene	13.047	91	550909	22.743	ug/l	100
79) 2-Chlorotoluene	13.135	91	327584	22.663	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	404051	23.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	36284	19.429	ug/l	88
82) 4-Chlorotoluene	13.229	91	314127	21.842	ug/l	100
83) tert-Butylbenzene	13.447	119	339800	22.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.494	105	393856	23.190	ug/l	99
85) sec-Butylbenzene	13.623	105	469123	21.896	ug/l	100
86) p-Isopropyltoluene	13.735	119	382499	22.394	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	182731	21.073	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	178673	20.764	ug/l	99
89) n-Butylbenzene	14.064	91	301941	19.219	ug/l	98
90) Hexachloroethane	14.341	117	63956	22.793	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	183132	22.606	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22915	18.725	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	68460	14.461	ug/l	98
94) Hexachlorobutadiene	15.506	225	37971	19.318	ug/l	98
95) Naphthalene	15.647	128	196815	12.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	71931	15.519	ug/l	97

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

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