

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076484.D
 Acq On : 31 Jan 2023 13:58
 Operator : JC\MD
 Sample : VN0131MBS01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:49:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	449974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	719152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	663404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	324554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	269991	53.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.180%			
35) Dibromofluoromethane	8.171	113	233182	51.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	10.571	98	858144	51.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.853	95	317368	58.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	81367	17.646	ug/l	97
3) Chloromethane	2.377	50	101079	21.172	ug/l	98
4) Vinyl Chloride	2.530	62	113662	19.416	ug/l	97
5) Bromomethane	2.971	94	78158	16.303	ug/l	100
6) Chloroethane	3.136	64	72803	16.585	ug/l	100
7) Trichlorofluoromethane	3.512	101	148932	18.492	ug/l	96
8) Diethyl Ether	3.977	74	51170	18.942	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	85431	18.738	ug/l	99
10) Methyl Iodide	4.600	142	117535	16.877	ug/l	97
11) Tert butyl alcohol	5.542	59	58110	86.229	ug/l	97
12) 1,1-Dichloroethene	4.353	96	73732	17.107	ug/l	91
13) Acrolein	4.200	56	67688	83.988	ug/l	99
14) Allyl chloride	5.036	41	99910	19.892	ug/l	91
15) Acrylonitrile	5.736	53	171042	89.190	ug/l	98
16) Acetone	4.442	43	181163	112.126	ug/l	98
17) Carbon Disulfide	4.724	76	150843	14.056	ug/l	96
18) Methyl Acetate	5.042	43	96705	17.667	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	269962	19.240	ug/l	98
20) Methylene Chloride	5.289	84	87236	17.866	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	78177	16.743	ug/l	94
22) Diisopropyl ether	6.683	45	228524	19.294	ug/l	97
23) Vinyl Acetate	6.612	43	717919	93.784	ug/l	99
24) 1,1-Dichloroethane	6.583	63	147037	18.623	ug/l	97
25) 2-Butanone	7.494	43	229068	92.861	ug/l	97
26) 2,2-Dichloropropane	7.500	77	128994	19.385	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	97326	17.872	ug/l	96
28) Bromochloromethane	7.824	49	72651	22.703	ug/l	98
29) Tetrahydrofuran	7.847	42	137903	90.579	ug/l	99
30) Chloroform	7.971	83	166491	19.058	ug/l	95
31) Cyclohexane	8.265	56	128621	16.618	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	153537	19.250	ug/l	90
36) 1,1-Dichloropropene	8.377	75	114819	17.962	ug/l	99
37) Ethyl Acetate	7.571	43	93669	18.292	ug/l	99
38) Carbon Tetrachloride	8.371	117	130358	18.287	ug/l	99
39) Methylcyclohexane	9.606	83	140222	17.963	ug/l	100
40) Benzene	8.612	78	342754	17.932	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	49392	18.398	ug/l	96
42) 1,2-Dichloroethane	8.677	62	129405	19.787	ug/l	98
43) Isopropyl Acetate	8.694	43	157035	18.827	ug/l	99
44) Trichloroethene	9.359	130	95635	17.690	ug/l	97
45) 1,2-Dichloropropane	9.624	63	84611	18.489	ug/l	98
46) Dibromomethane	9.712	93	62447	18.073	ug/l	98
47) Bromodichloromethane	9.894	83	129950	19.391	ug/l	95
48) Methyl methacrylate	9.682	41	75410	19.097	ug/l	96
49) 1,4-Dioxane	9.700	88	31050	372.650	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	474310	96.867	ug/l	98
52) Toluene	10.635	92	233203	18.244	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	124010	19.412	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	137961	18.771	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	94292	19.299	ug/l	96
56) Ethyl methacrylate	10.877	69	129320	20.502	ug/l	99
57) 1,3-Dichloropropane	11.165	76	153245	19.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	218517	102.616	ug/l	100
59) 2-Hexanone	11.200	43	350169	98.686	ug/l	99
60) Dibromochloromethane	11.359	129	102227	19.876	ug/l	99
61) 1,2-Dibromoethane	11.471	107	92552	18.978	ug/l	100
64) Tetrachloroethene	11.106	164	103691	17.332	ug/l	98
65) Chlorobenzene	11.894	112	253309	18.063	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	96794	18.551	ug/l	100
67) Ethyl Benzene	11.965	91	455616	18.983	ug/l	99
68) m/p-Xylenes	12.076	106	363867	37.808	ug/l	100
69) o-Xylene	12.400	106	177568	18.788	ug/l	95
70) Styrene	12.412	104	290097	19.224	ug/l	99
71) Bromoform	12.576	173	70141	18.615	ug/l #	99
73) Isopropylbenzene	12.700	105	472280	18.810	ug/l	100
74) N-amyl acetate	12.494	43	131075	18.149	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	127656	17.686	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	117012m	19.207	ug/l	
77) Bromobenzene	12.982	156	110915	18.542	ug/l	100
78) n-propylbenzene	13.041	91	532695	18.803	ug/l	99
79) 2-Chlorotoluene	13.129	91	328670	18.906	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	405811	19.293	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	32810	16.820	ug/l	89
82) 4-Chlorotoluene	13.129	91	328670	18.906	ug/l	98
83) tert-Butylbenzene	13.441	119	372007	19.885	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	404249	19.166	ug/l	99
85) sec-Butylbenzene	13.618	105	509299	19.619	ug/l	99
86) p-Isopropyltoluene	13.735	119	429596	20.125	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	206843	17.479	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	203304	18.124	ug/l	99
89) n-Butylbenzene	14.059	91	346315	20.437	ug/l	99
90) Hexachloroethane	14.335	117	67620	18.354	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	203698	17.282	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23861	19.018	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	102572	18.845	ug/l	98
94) Hexachlorobutadiene	15.500	225	56872	18.183	ug/l	98
95) Naphthalene	15.641	128	307127	19.382	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	99750	19.104	ug/l	98

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

