

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076254.D
 Acq On : 13 Jan 2023 17:27
 Operator : JC\MD
 Sample : VN0113MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 16 01:13:15 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	8.230	168	196485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	323622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	161855	75.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 151.440%#			
35) Dibromofluoromethane	8.171	113	135955	59.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.520%			
50) Toluene-d8	10.571	98	386247	45.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.820%			
62) 4-Bromofluorobenzene	12.853	95	132310	46.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	24699	17.704	ug/l	99
3) Chloromethane	2.377	50	43620	25.144	ug/l	99
4) Vinyl Chloride	2.524	62	41525	20.067	ug/l	98
5) Bromomethane	2.953	94	46309	26.332	ug/l	93
6) Chloroethane	3.124	64	38848	25.351	ug/l	96
7) Trichlorofluoromethane	3.500	101	48155	15.336	ug/l	93
8) Diethyl Ether	3.983	74	35191	30.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	27125	15.128	ug/l	99
10) Methyl Iodide	4.606	142	69782	23.981	ug/l	96
11) Tert butyl alcohol	5.530	59	52323	172.989	ug/l	98
12) 1,1-Dichloroethene	4.353	96	30072	17.269	ug/l	95
13) Acrolein	4.194	56	54926	148.124	ug/l	96
14) Allyl chloride	5.036	41	47959	23.559	ug/l	92
15) Acrylonitrile	5.736	53	134966	163.514	ug/l	100
16) Acetone	4.447	43	110156	149.493	ug/l	92
17) Carbon Disulfide	4.730	76	63557	15.074	ug/l	100
18) Methyl Acetate	5.042	43	77976	35.800	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	193809	33.796	ug/l	94
20) Methylene Chloride	5.289	84	58275	29.299	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	38900	20.397	ug/l	96
22) Diisopropyl ether	6.683	45	149053	30.141	ug/l	97
23) Vinyl Acetate	6.618	43	513747	154.346	ug/l	100
24) 1,1-Dichloroethane	6.583	63	84022	25.476	ug/l	99
25) 2-Butanone	7.494	43	167562	162.407	ug/l	100
26) 2,2-Dichloropropane	7.494	77	51870	18.571	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	58031	25.442	ug/l	100
28) Bromochloromethane	7.824	49	38364	26.539	ug/l #	99
29) Tetrahydrofuran	7.847	42	106985	165.467	ug/l	99
30) Chloroform	7.971	83	95894	25.824	ug/l	93
31) Cyclohexane	8.265	56	42701	13.948	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	64339	19.544	ug/l	98
36) 1,1-Dichloropropene	8.377	75	44726	14.799	ug/l	98
37) Ethyl Acetate	7.565	43	71722	29.545	ug/l	100
38) Carbon Tetrachloride	8.371	117	48161	14.238	ug/l	92
39) Methylcyclohexane	9.606	83	45336	12.434	ug/l	95
40) Benzene	8.612	78	189551	20.328	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	36875	29.223	ug/l	97
42) 1,2-Dichloroethane	8.677	62	81037	26.141	ug/l	100
43) Isopropyl Acetate	8.694	43	130958	32.703	ug/l	93
44) Trichloroethene	9.353	130	45186	17.201	ug/l	100
45) 1,2-Dichloropropane	9.624	63	51007	22.479	ug/l	96
46) Dibromomethane	9.712	93	41464	24.637	ug/l	97
47) Bromodichloromethane	9.894	83	75469	22.867	ug/l	98
48) Methyl methacrylate	9.682	41	53135	29.461	ug/l	97
49) 1,4-Dioxane	9.700	88	24559	553.880	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	354727	146.476	ug/l	98
52) Toluene	10.635	92	110638	18.218	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	73202	22.658	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	80119	22.587	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	60596	25.422	ug/l	97
56) Ethyl methacrylate	10.876	69	86773	27.407	ug/l	96
57) 1,3-Dichloropropane	11.165	76	98930	25.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	146127	144.963	ug/l	98
59) 2-Hexanone	11.200	43	257073	145.560	ug/l	98
60) Dibromochloromethane	11.359	129	61004	23.013	ug/l	96
61) 1,2-Dibromoethane	11.470	107	60994	25.286	ug/l	99
64) Tetrachloroethene	11.106	164	45433	19.951	ug/l	96
65) Chlorobenzene	11.894	112	121687	18.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	52203	21.218	ug/l	100
67) Ethyl Benzene	11.965	91	185954	16.588	ug/l	99
68) m/p-Xylenes	12.070	106	146741	33.071	ug/l	99
69) o-Xylene	12.400	106	79485	18.102	ug/l	99
70) Styrene	12.412	104	131361	18.815	ug/l	99
71) Bromoform	12.582	173	43962	24.557	ug/l #	99
73) Isopropylbenzene	12.700	105	174544	17.637	ug/l	99
74) N-amyl acetate	12.494	43	91318	31.452	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	84796	27.716	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	79138m	28.667	ug/l	
77) Bromobenzene	12.982	156	54752	21.860	ug/l	96
78) n-propylbenzene	13.035	91	187045	17.136	ug/l	99
79) 2-Chlorotoluene	13.129	91	130483	19.150	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	155369	18.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20969	27.341	ug/l	91
82) 4-Chlorotoluene	13.129	91	130483	19.150	ug/l	98
83) tert-Butylbenzene	13.441	119	131532	18.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	157127	19.122	ug/l	99
85) sec-Butylbenzene	13.617	105	167817	16.649	ug/l	99
86) p-Isopropyltoluene	13.735	119	144826	17.267	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	86941	18.792	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	84627	17.905	ug/l	99
89) n-Butylbenzene	14.059	91	103918	15.294	ug/l	100
90) Hexachloroethane	14.335	117	24239	16.156	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	96468	21.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14774	27.214	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	42350	18.771	ug/l	98
94) Hexachlorobutadiene	15.506	225	18227	14.808	ug/l	94
95) Naphthalene	15.641	128	163747	23.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	42321	20.070	ug/l	96

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

