

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076350.D
 Acq On : 20 Jan 2023 16:54
 Operator : JC\MD
 Sample : VN0120MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:18:04 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	333438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	478705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196594	52.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	8.177	113	176370	52.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	10.571	98	632665	51.225	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.847	95	214729	53.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66052	19.331	ug/l	96
3) Chloromethane	2.377	50	66311	18.744	ug/l	94
4) Vinyl Chloride	2.530	62	86339	19.903	ug/l	99
5) Bromomethane	2.971	94	74209	20.890	ug/l	99
6) Chloroethane	3.136	64	63573	19.544	ug/l	97
7) Trichlorofluoromethane	3.512	101	115629	19.375	ug/l	96
8) Diethyl Ether	3.977	74	42100	21.032	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	66640	19.725	ug/l	99
10) Methyl Iodide	4.606	142	102847	19.929	ug/l	99
11) Tert butyl alcohol	5.536	59	51346	102.821	ug/l	100
12) 1,1-Dichloroethene	4.359	96	60935	19.080	ug/l	82
13) Acrolein	4.195	56	59447	99.542	ug/l	99
14) Allyl chloride	5.042	41	78975	21.220	ug/l	91
15) Acrylonitrile	5.736	53	145757	102.569	ug/l	99
16) Acetone	4.448	43	121851	101.768	ug/l	100
17) Carbon Disulfide	4.724	76	137235	17.258	ug/l #	94
18) Methyl Acetate	5.042	43	79552	19.613	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	225063	21.646	ug/l	99
20) Methylene Chloride	5.289	84	82668	23.018	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	66025	19.083	ug/l	94
22) Diisopropyl ether	6.683	45	186961	21.301	ug/l	96
23) Vinyl Acetate	6.618	43	608983	107.357	ug/l	100
24) 1,1-Dichloroethane	6.583	63	115982	19.824	ug/l	97
25) 2-Butanone	7.494	43	183094	100.165	ug/l	98
26) 2,2-Dichloropropane	7.500	77	102480	20.783	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	80503	19.949	ug/l	99
28) Bromochloromethane	7.818	49	49185	20.741	ug/l	99
29) Tetrahydrofuran	7.841	42	120506	106.816	ug/l	99
30) Chloroform	7.971	83	134511	20.778	ug/l	96
31) Cyclohexane	8.265	56	103455	18.039	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	119941	20.293	ug/l	93
36) 1,1-Dichloropropene	8.377	75	91966	19.353	ug/l	100
37) Ethyl Acetate	7.571	43	76425	20.072	ug/l	99
38) Carbon Tetrachloride	8.371	117	104583	19.735	ug/l	99
39) Methylcyclohexane	9.606	83	112573	19.398	ug/l	99
40) Benzene	8.612	78	286648	20.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	40114	20.100	ug/l	95
42) 1,2-Dichloroethane	8.677	62	101132	20.801	ug/l	98
43) Isopropyl Acetate	8.694	43	130327	21.018	ug/l	99
44) Trichloroethene	9.353	130	77967	19.400	ug/l	97
45) 1,2-Dichloropropane	9.624	63	68327	20.084	ug/l	100
46) Dibromomethane	9.712	93	52892	20.592	ug/l	98
47) Bromodichloromethane	9.888	83	104462	20.968	ug/l	96
48) Methyl methacrylate	9.683	41	61166	20.836	ug/l	99
49) 1,4-Dioxane	9.700	88	25915	418.375	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	394109	108.269	ug/l	99
52) Toluene	10.630	92	190642	20.062	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	101962	21.469	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	112554	20.600	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	77021	21.205	ug/l	97
56) Ethyl methacrylate	10.877	69	105895	22.583	ug/l	100
57) 1,3-Dichloropropane	11.165	76	124809	21.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	130171	82.228	ug/l	100
59) 2-Hexanone	11.200	43	279999	106.148	ug/l	100
60) Dibromochloromethane	11.359	129	85841	22.451	ug/l	98
61) 1,2-Dibromoethane	11.471	107	77070	21.258	ug/l	99
64) Tetrachloroethene	11.106	164	84796	19.642	ug/l	98
65) Chlorobenzene	11.894	112	206283	20.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	76228	20.247	ug/l	99
67) Ethyl Benzene	11.965	91	362819	20.949	ug/l	99
68) m/p-Xylenes	12.076	106	285736	41.145	ug/l	100
69) o-Xylene	12.400	106	143859	21.094	ug/l	100
70) Styrene	12.412	104	225440	20.703	ug/l	98
71) Bromoform	12.582	173	57949	21.313	ug/l #	100
73) Isopropylbenzene	12.700	105	366283	21.287	ug/l	100
74) N-amyl acetate	12.494	43	104048	21.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	103502	20.924	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	80841m	19.370	ug/l	
77) Bromobenzene	12.982	156	87678	21.474	ug/l	100
78) n-propylbenzene	13.035	91	411895	21.215	ug/l	99
79) 2-Chlorotoluene	13.123	91	245242	20.585	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	313485	21.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27340	20.451	ug/l #	86
82) 4-Chlorotoluene	13.123	91	245242	20.585	ug/l	99
83) tert-Butylbenzene	13.441	119	281161	21.930	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	309247	21.394	ug/l	99
85) sec-Butylbenzene	13.618	105	379791	21.348	ug/l	100
86) p-Isopropyltoluene	13.729	119	316110	21.608	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	160490	19.789	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	158248	20.572	ug/l	99
89) n-Butylbenzene	14.059	91	242771	20.905	ug/l	100
90) Hexachloroethane	14.335	117	51863	20.541	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	158361	19.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16414	19.090	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	72211	19.323	ug/l	98
94) Hexachlorobutadiene	15.506	225	39731	18.535	ug/l	98
95) Naphthalene	15.641	128	210583	19.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69703	19.457	ug/l	97

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

