

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076294.D
 Acq On : 18 Jan 2023 13:23
 Operator : JC\MD
 Sample : VN0118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:49:00 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	384053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	542591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	221460	51.500	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.000%	
35) Dibromofluoromethane	8.171	113	201268	53.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.920%	
50) Toluene-d8	10.571	98	766616	55.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.853	95	257693	56.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	74830	19.014	ug/l	99
3) Chloromethane	2.377	50	73858	18.125	ug/l	92
4) Vinyl Chloride	2.530	62	101886	20.392	ug/l	99
5) Bromomethane	2.953	94	93181	22.773	ug/l	97
6) Chloroethane	3.130	64	82564	22.037	ug/l	98
7) Trichlorofluoromethane	3.512	101	127270	18.515	ug/l	93
8) Diethyl Ether	3.983	74	43612	18.916	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	71918	18.481	ug/l	99
10) Methyl Iodide	4.600	142	111649	18.783	ug/l	100
11) Tert butyl alcohol	5.541	59	58993	102.565	ug/l	98
12) 1,1-Dichloroethene	4.353	96	67464	18.340	ug/l	93
13) Acrolein	4.195	56	83593	121.527	ug/l	99
14) Allyl chloride	5.036	41	78404	18.290	ug/l	98
15) Acrylonitrile	5.736	53	152609	93.238	ug/l	99
16) Acetone	4.447	43	125371	90.900	ug/l	96
17) Carbon Disulfide	4.730	76	159920	17.460	ug/l	97
18) Methyl Acetate	5.036	43	84135	18.009	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	233922	19.533	ug/l	97
20) Methylene Chloride	5.289	84	77024	18.503	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	72388	18.165	ug/l	94
22) Diisopropyl ether	6.683	45	188625	18.659	ug/l	98
23) Vinyl Acetate	6.618	43	633758	97.001	ug/l	98
24) 1,1-Dichloroethane	6.577	63	123864	18.381	ug/l	99
25) 2-Butanone	7.494	43	193020	91.679	ug/l	100
26) 2,2-Dichloropropane	7.500	77	108968	19.186	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	86613	18.635	ug/l	100
28) Bromochloromethane	7.824	49	49994	18.304	ug/l	98
29) Tetrahydrofuran	7.847	42	126042	96.999	ug/l	99
30) Chloroform	7.971	83	139645	18.729	ug/l	98
31) Cyclohexane	8.265	56	113579	17.194	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	128546	18.883	ug/l	95
36) 1,1-Dichloropropene	8.377	75	102139	19.092	ug/l	99
37) Ethyl Acetate	7.571	43	83967	19.590	ug/l	99
38) Carbon Tetrachloride	8.371	117	114277	19.155	ug/l	99
39) Methylcyclohexane	9.606	83	130341	19.951	ug/l	97
40) Benzene	8.612	78	304683	19.047	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	45326	20.174	ug/l	96
42) 1,2-Dichloroethane	8.677	62	105357	19.250	ug/l	100
43) Isopropyl Acetate	8.694	43	136621	19.571	ug/l	99
44) Trichloroethene	9.353	130	85268	18.846	ug/l	100
45) 1,2-Dichloropropane	9.624	63	72727	18.989	ug/l	95
46) Dibromomethane	9.712	93	56943	19.692	ug/l	98
47) Bromodichloromethane	9.894	83	108795	19.399	ug/l	99
48) Methyl methacrylate	9.682	41	65191	19.726	ug/l	98
49) 1,4-Dioxane	9.694	88	29249	419.450	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	413377	100.876	ug/l	99
52) Toluene	10.635	92	204668	19.132	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	108483	20.291	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	118941	19.337	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	79260	19.384	ug/l	99
56) Ethyl methacrylate	10.876	69	113946	21.585	ug/l	98
57) 1,3-Dichloropropane	11.165	76	128645	19.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	179337	100.630	ug/l	100
59) 2-Hexanone	11.200	43	302960	102.022	ug/l	100
60) Dibromochloromethane	11.359	129	85777	19.928	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80382	19.694	ug/l	100
64) Tetrachloroethene	11.106	164	89214	18.232	ug/l	98
65) Chlorobenzene	11.894	112	218388	19.040	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	83100	19.473	ug/l	99
67) Ethyl Benzene	11.965	91	391016	19.919	ug/l	100
68) m/p-Xylenes	12.076	106	313022	39.767	ug/l	99
69) o-Xylene	12.400	106	156443	20.238	ug/l	100
70) Styrene	12.412	104	248056	20.098	ug/l	99
71) Bromoform	12.582	173	60908	19.764	ug/l #	98
73) Isopropylbenzene	12.700	105	403457	20.647	ug/l	100
74) N-amyl acetate	12.494	43	117660	20.933	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	109695	19.528	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	97163m	20.557	ug/l	
77) Bromobenzene	12.982	156	95675	20.612	ug/l	98
78) n-propylbenzene	13.041	91	459308	20.832	ug/l	99
79) 2-Chlorotoluene	13.129	91	265891	19.652	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	341214	20.844	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	29785	19.620	ug/l	94
82) 4-Chlorotoluene	13.129	91	265891	19.652	ug/l	99
83) tert-Butylbenzene	13.441	119	312277	21.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	341096	20.780	ug/l	100
85) sec-Butylbenzene	13.617	105	426531	21.112	ug/l	100
86) p-Isopropyltoluene	13.729	119	358098	21.555	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177650	19.289	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	175932	20.141	ug/l	100
89) n-Butylbenzene	14.059	91	284390	21.564	ug/l	98
90) Hexachloroethane	14.335	117	59405	20.718	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	175803	19.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20251	20.739	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	85449	20.080	ug/l	99
94) Hexachlorobutadiene	15.506	225	46496	19.100	ug/l	98
95) Naphthalene	15.647	128	262164	21.080	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	81937	20.100	ug/l	98

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

