

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070848.D
 Acq On : 31 Jan 2022 13:22
 Operator : JC/MD
 Sample : VN0131MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/03/2022

Quant Time: Jan 31 16:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	635824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1008401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	906910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	389203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	480565	52.738	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.480%			
35) Dibromofluoromethane	8.018	113	335205	53.589	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.180%			
50) Toluene-d8	10.438	98	1356157	51.465	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.920%			
62) 4-Bromofluorobenzene	12.728	95	492742	52.475	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	135966	18.506	ug/l	98
3) Chloromethane	2.306	50	197300	18.371	ug/l	100
4) Vinyl Chloride	2.453	62	223245	21.856	ug/l	96
5) Bromomethane	2.866	94	143392	26.953	ug/l	100
6) Chloroethane	3.027	64	133928	21.011	ug/l	97
7) Trichlorofluoromethane	3.384	101	281400	24.116	ug/l	99
8) Diethyl Ether	3.827	74	129183	25.344	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.218	101	136481	19.352	ug/l	95
10) Methyl Iodide	4.427	142	169265	18.612	ug/l	98
11) Tert butyl alcohol	5.363	59	122470	74.496	ug/l #	90
12) 1,1-Dichloroethene	4.189	96	127192	18.082	ug/l	91
13) Acrolein	4.041	56	262602	111.376	ug/l	99
14) Allyl chloride	4.843	41	276822	18.062	ug/l	88
15) Acrylonitrile	5.551	53	444197	84.935	ug/l	99
16) Acetone	4.283	43	552415	87.343	ug/l	98
17) Carbon Disulfide	4.535	76	333556	17.460	ug/l	97
18) Methyl Acetate	4.854	43	212715	17.102	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	510292	20.308	ug/l	98
20) Methylene Chloride	5.095	84	153898	18.473	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	135304	19.112	ug/l	85
22) Diisopropyl ether	6.492	45	591606	19.475	ug/l	94
23) Vinyl Acetate	6.431	43	2452299	95.233	ug/l	95
24) 1,1-Dichloroethane	6.385	63	296589	19.518	ug/l	97
25) 2-Butanone	7.332	43	670235	84.216	ug/l	93
26) 2,2-Dichloropropane	7.324	77	252796	21.699	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	163801	19.478	ug/l	85
28) Bromochloromethane	7.656	49	127685	18.716	ug/l #	78
29) Tetrahydrofuran	7.681	42	396182	81.300	ug/l	90
30) Chloroform	7.815	83	295696	19.620	ug/l	100
31) Cyclohexane	8.091	56	291678	18.178	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	256223	21.724	ug/l	98
36) 1,1-Dichloropropene	8.220	75	216524	20.562	ug/l	96
37) Ethyl Acetate	7.407	43	242128	17.319	ug/l	97
38) Carbon Tetrachloride	8.204	117	214332	22.879	ug/l	99
39) Methylcyclohexane	9.456	83	258950	19.919	ug/l	90
40) Benzene	8.458	78	651375	19.963	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	125832	17.692	ug/l	89
42) 1,2-Dichloroethane	8.528	62	250925	22.179	ug/l	98
43) Isopropyl Acetate	8.558	43	407378	19.078	ug/l	96
44) Trichloroethene	9.212	130	154992	20.953	ug/l	94
45) 1,2-Dichloropropane	9.488	63	178354	20.090	ug/l	99
46) Dibromomethane	9.577	93	108814	21.080	ug/l	93
47) Bromodichloromethane	9.759	83	226686	21.483	ug/l	97
48) Methyl methacrylate	9.555	41	193935	19.064	ug/l #	79
49) 1,4-Dioxane	9.566	88	48581	317.927	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1228789	90.182	ug/l	98
52) Toluene	10.502	92	404465	20.723	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	248241	20.871	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	267669	21.152	ug/l	97
55) 1,1,2-Trichloroethane	10.894	97	155763	20.315	ug/l	98
56) Ethyl methacrylate	10.757	69	250483	18.688	ug/l	91
57) 1,3-Dichloropropane	11.041	76	278203	20.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	205849	72.155	ug/l	91
59) 2-Hexanone	11.081	43	893903	90.308	ug/l	97
60) Dibromochloromethane	11.234	129	161438	22.573	ug/l	100
61) 1,2-Dibromoethane	11.344	107	153315	19.916	ug/l	100
64) Tetrachloroethene	10.974	164	139295	20.948	ug/l	93
65) Chlorobenzene	11.768	112	419677	21.358	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	154055	22.768	ug/l	99
67) Ethyl Benzene	11.840	91	792277	21.748	ug/l	96
68) m/p-Xylenes	11.950	106	575588	43.431	ug/l	89
69) o-Xylene	12.277	106	283178	21.531	ug/l	90
70) Styrene	12.291	104	460148	21.870	ug/l	94
71) Bromoform	12.454	173	113644	22.235	ug/l #	98
73) Isopropylbenzene	12.575	105	762969	20.721	ug/l	97
74) N-amyl acetate	12.385	43	268986	17.867	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	235248	18.918	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	236773m	22.937	ug/l	
77) Bromobenzene	12.857	156	171288	20.748	ug/l	78
78) n-propylbenzene	12.918	91	867645	21.070	ug/l	95
79) 2-Chlorotoluene	13.004	91	539203	20.700	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	637490	21.410	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.623	75	64058	18.487	ug/l	98
82) 4-Chlorotoluene	13.101	91	518599	21.309	ug/l	91
83) tert-Butylbenzene	13.321	119	540532	20.854	ug/l	92
84) 1,2,4-Trimethylbenzene	13.364	105	621637	21.719	ug/l	97
85) sec-Butylbenzene	13.498	105	745770	21.164	ug/l	97
86) p-Isopropyltoluene	13.613	119	607604	21.950	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	296343	21.579	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	287163	21.012	ug/l	96
89) n-Butylbenzene	13.940	91	483231	21.161	ug/l	97
90) Hexachloroethane	14.206	117	103851	21.462	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	280248	20.655	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.597	75	38359	18.185	ug/l	76
93) 1,2,4-Trichlorobenzene	15.260	180	129113	20.151	ug/l	97
94) Hexachlorobutadiene	15.364	225	95096	23.665	ug/l	98
95) Naphthalene	15.504	128	276930	17.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	116383	19.059	ug/l	97

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

