

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070485.D
 Acq On : 5 Jan 2022 13:24
 Operator : JC/MD
 Sample : VN0105MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 12:34:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	992350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1622724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1490831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	604554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	664709	46.587	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.180%		
35) Dibromofluoromethane	8.021	113	481807	49.072	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.140%		
50) Toluene-d8	10.438	98	1949792	48.613	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.220%		
62) 4-Bromofluorobenzene	12.731	95	686951	47.420	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	219843	19.535	ug/l	98
3) Chloromethane	2.303	50	315512	20.610	ug/l	100
4) Vinyl Chloride	2.448	62	284141	20.386	ug/l	99
5) Bromomethane	2.853	94	159725	22.203	ug/l	98
6) Chloroethane	3.019	64	169138	20.151	ug/l	99
7) Trichlorofluoromethane	3.379	101	338449	20.175	ug/l	99
8) Diethyl Ether	3.824	74	162786	22.012	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	224562	21.886	ug/l	93
10) Methyl Iodide	4.419	142	297539	21.427	ug/l	98
11) Tert butyl alcohol	5.372	59	267586	112.634	ug/l	98
12) 1,1-Dichloroethene	4.181	96	211107	20.888	ug/l	93
13) Acrolein	4.041	56	155680	80.763	ug/l	100
14) Allyl chloride	4.841	41	497387	21.707	ug/l #	86
15) Acrylonitrile	5.554	53	854739	115.295	ug/l	99
16) Acetone	4.285	43	1006513	108.669	ug/l	99
17) Carbon Disulfide	4.529	76	530067	19.214	ug/l	99
18) Methyl Acetate	4.857	43	605664	22.606	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	839657	22.371	ug/l	94
20) Methylene Chloride	5.093	84	274877	21.450	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	227978	21.305	ug/l	86
22) Diisopropyl ether	6.495	45	1034112	23.170	ug/l	93
23) Vinyl Acetate	6.434	43	3924531	113.335	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	505816	21.857	ug/l	98
25) 2-Butanone	7.335	43	1323964	113.525	ug/l	92
26) 2,2-Dichloropropane	7.324	77	371060	20.325	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	282469	22.122	ug/l	88
28) Bromochloromethane	7.654	49	156317	13.812	ug/l #	76
29) Tetrahydrofuran	7.683	42	811858	116.678	ug/l	87
30) Chloroform	7.817	83	484009	21.680	ug/l	98
31) Cyclohexane	8.094	56	485615	21.568	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	390104	20.724	ug/l	97
36) 1,1-Dichloropropene	8.220	75	351657	21.651	ug/l	96
37) Ethyl Acetate	7.410	43	482868	22.936	ug/l	95
38) Carbon Tetrachloride	8.204	117	312100	20.123	ug/l	100
39) Methylcyclohexane	9.459	83	425797	21.654	ug/l	89
40) Benzene	8.458	78	1111653	22.325	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	250792	23.816	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	393828	21.042	ug/l	99
43) Isopropyl Acetate	8.558	43	749088	22.568	ug/l #	94
44) Trichloroethene	9.215	130	251423	21.250	ug/l	93
45) 1,2-Dichloropropane	9.488	63	309199	23.063	ug/l	98
46) Dibromomethane	9.574	93	181635	21.787	ug/l	93
47) Bromodichloromethane	9.759	83	361110	21.815	ug/l	99
48) Methyl methacrylate	9.558	41	344517	21.760	ug/l #	82
49) 1,4-Dioxane	9.569	88	114840	495.509	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	2455869	117.748	ug/l	97
52) Toluene	10.502	92	677852	22.490	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	387306	21.612	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	429994	22.181	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	269267	22.579	ug/l	98
56) Ethyl methacrylate	10.760	69	449155	22.794	ug/l	89
57) 1,3-Dichloropropane	11.041	76	478993	22.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	415052	94.870	ug/l	90
59) 2-Hexanone	11.084	43	1785957	117.420	ug/l	95
60) Dibromochloromethane	11.237	129	253940	21.825	ug/l	100
61) 1,2-Dibromoethane	11.344	107	266109	21.977	ug/l	99
64) Tetrachloroethene	10.977	164	225513	20.889	ug/l	95
65) Chlorobenzene	11.768	112	703557	22.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	242209	21.448	ug/l	99
67) Ethyl Benzene	11.843	91	1289083	22.242	ug/l	96
68) m/p-Xylenes	11.950	106	949370	45.001	ug/l	94
69) o-Xylene	12.278	106	474276	22.602	ug/l	94
70) Styrene	12.294	104	758254	22.831	ug/l	97
71) Bromoform	12.457	173	180383	21.523	ug/l #	99
73) Isopropylbenzene	12.578	105	1232694	21.957	ug/l	99
74) N-amyl acetate	12.388	43	507396	21.495	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	424714	21.992	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	336435m	20.504	ug/l	
77) Bromobenzene	12.860	156	279333	21.672	ug/l	78
78) n-propylbenzene	12.919	91	1379757	22.181	ug/l	96
79) 2-Chlorotoluene	13.004	91	863837	21.644	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	998272	22.189	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.624	75	103208	20.858	ug/l	96
82) 4-Chlorotoluene	13.104	91	816432	21.838	ug/l	92
83) tert-Butylbenzene	13.321	119	873066	22.039	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	976819	22.548	ug/l	98
85) sec-Butylbenzene	13.501	105	1199807	22.308	ug/l	98
86) p-Isopropyltoluene	13.613	119	945210	22.372	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	470583	21.810	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	450400	21.161	ug/l	97
89) n-Butylbenzene	13.940	91	744524	21.127	ug/l	97
90) Hexachloroethane	14.209	117	152661	20.800	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	459420	21.719	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	64951	19.971	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	206080	20.677	ug/l	100
94) Hexachlorobutadiene	15.367	225	135427	23.380	ug/l	98
95) Naphthalene	15.504	128	549176	21.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	206272	22.105	ug/l	99

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

