

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071288.D
 Acq On : 15 Mar 2022 13:39
 Operator : JC\MD
 Sample : VN0315MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 15 18:58:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	535296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	867680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	775394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	321265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	426276	58.104	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.200%			
35) Dibromofluoromethane	8.016	113	315234	57.573	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.140%			
50) Toluene-d8	10.439	98	1226349	55.628	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.260%			
62) 4-Bromofluorobenzene	12.727	95	418930	56.118	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	113513	19.349	ug/l	94
3) Chloromethane	2.299	50	158121	20.055	ug/l	100
4) Vinyl Chloride	2.440	62	144478	20.095	ug/l	95
5) Bromomethane	2.851	94	85007	23.285	ug/l	100
6) Chloroethane	3.016	64	93532	21.482	ug/l	95
7) Trichlorofluoromethane	3.375	101	193171	20.413	ug/l	98
8) Diethyl Ether	3.828	74	87218	21.538	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	114403	20.883	ug/l	95
10) Methyl Iodide	4.422	142	145342	18.784	ug/l	99
11) Tert butyl alcohol	5.363	59	147781	102.539	ug/l	98
12) 1,1-Dichloroethene	4.187	96	106880	19.916	ug/l	90
13) Acrolein	4.040	56	78410	51.401	ug/l	98
14) Allyl chloride	4.840	41	236097	20.228	ug/l	87
15) Acrylonitrile	5.545	53	458767	107.203	ug/l	99
16) Acetone	4.281	43	383332	107.386	ug/l	98
17) Carbon Disulfide	4.528	76	275599	18.039	ug/l	96
18) Methyl Acetate	4.845	43	232651	24.509	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	449448	22.306	ug/l	93
20) Methylene Chloride	5.098	84	140341	21.728	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	119436	20.347	ug/l	91
22) Diisopropyl ether	6.492	45	501007	21.788	ug/l	95
23) Vinyl Acetate	6.428	43	2185849	112.284	ug/l	99
24) 1,1-Dichloroethane	6.381	63	253663	20.876	ug/l	98
25) 2-Butanone	7.328	43	622943	108.332	ug/l	95
26) 2,2-Dichloropropane	7.322	77	201992	21.548	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	144091	20.683	ug/l	89
28) Bromochloromethane	7.651	49	122238	22.591	ug/l	83
29) Tetrahydrofuran	7.675	42	427366	107.279	ug/l	92
30) Chloroform	7.816	83	249504	21.529	ug/l	99
31) Cyclohexane	8.092	56	236660	20.200	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	208896	21.161	ug/l	96
36) 1,1-Dichloropropene	8.222	75	180145	20.535	ug/l	96
37) Ethyl Acetate	7.404	43	249654	20.678	ug/l	99
38) Carbon Tetrachloride	8.204	117	179398	21.142	ug/l	97
39) Methylcyclohexane	9.457	83	212136	20.555	ug/l	91
40) Benzene	8.457	78	558621	21.135	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	117359	19.863	ug/l	95
42) 1,2-Dichloroethane	8.528	62	209053	22.729	ug/l	98
43) Isopropyl Acetate	8.557	43	437200	24.215	ug/l #	92
44) Trichloroethene	9.210	130	131332	21.059	ug/l	93
45) 1,2-Dichloropropane	9.486	63	153020	21.566	ug/l	99
46) Dibromomethane	9.575	93	96516	22.101	ug/l	97
47) Bromodichloromethane	9.757	83	196177	22.228	ug/l	97
48) Methyl methacrylate	9.557	41	178763	21.365	ug/l #	85
49) 1,4-Dioxane	9.563	88	61880	425.483	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	1239566	110.627	ug/l	99
52) Toluene	10.498	92	345599	21.234	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213340	21.929	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	230834	21.715	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	142330	21.823	ug/l	97
56) Ethyl methacrylate	10.757	69	230968	21.685	ug/l	92
57) 1,3-Dichloropropane	11.039	76	257913	22.031	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	309003	150.564	ug/l	93
59) 2-Hexanone	11.080	43	895905	117.185	ug/l	100
60) Dibromochloromethane	11.233	129	144708	22.331	ug/l	99
61) 1,2-Dibromoethane	11.339	107	143275	21.494	ug/l	98
64) Tetrachloroethene	10.974	164	113591	21.005	ug/l	96
65) Chlorobenzene	11.763	112	361756	21.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	137528	22.524	ug/l	99
67) Ethyl Benzene	11.839	91	645586	21.927	ug/l	97
68) m/p-Xylenes	11.951	106	490287	45.519	ug/l	98
69) o-Xylene	12.274	106	241433	22.361	ug/l	97
70) Styrene	12.292	104	385230	23.050	ug/l	97
71) Bromoform	12.451	173	109725	23.663	ug/l #	98
73) Isopropylbenzene	12.574	105	613780	19.819	ug/l	100
74) N-amyl acetate	12.386	43	254436	21.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	226138	23.199	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	204401m	24.830	ug/l	
77) Bromobenzene	12.857	156	144809	20.052	ug/l	78
78) n-propylbenzene	12.916	91	678041	20.403	ug/l	97
79) 2-Chlorotoluene	13.004	91	432389	20.269	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	498869	20.705	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65851	22.158	ug/l	95
82) 4-Chlorotoluene	13.098	91	408270	21.486	ug/l	95
83) tert-Butylbenzene	13.321	119	447793	20.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	498263	21.590	ug/l	99
85) sec-Butylbenzene	13.498	105	597431	20.904	ug/l	99
86) p-Isopropyltoluene	13.610	119	481267	21.412	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	248512	21.179	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	240100	20.933	ug/l	97
89) n-Butylbenzene	13.939	91	358754	20.407	ug/l	96
90) Hexachloroethane	14.204	117	89740	20.077	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	242523	21.498	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40975	22.740	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	104518	21.654	ug/l	98
94) Hexachlorobutadiene	15.362	225	67286	21.247	ug/l	97
95) Naphthalene	15.504	128	280660	22.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	104102	22.244	ug/l	98

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

