

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071247.D
 Acq On : 11 Mar 2022 14:34
 Operator : JC\MD
 Sample : VN0311MBS02
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:16:42 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	8.080	168	612787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1001884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	909482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	369590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	398222	47.416	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.840%		
35) Dibromofluoromethane	8.016	113	294073	46.514	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.020%		
50) Toluene-d8	10.439	98	1160259	45.580	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.160%		
62) 4-Bromofluorobenzene	12.727	95	397047	46.062	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	121189	18.045	ug/l	100
3) Chloromethane	2.298	50	168865	18.707	ug/l	99
4) Vinyl Chloride	2.440	62	149243	18.133	ug/l	100
5) Bromomethane	2.846	94	86613	19.979	ug/l	95
6) Chloroethane	3.010	64	97787	19.619	ug/l	94
7) Trichlorofluoromethane	3.375	101	201109	18.564	ug/l	98
8) Diethyl Ether	3.822	74	92406	19.934	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	119803	19.104	ug/l	96
10) Methyl Iodide	4.416	142	151002	17.048	ug/l	99
11) Tert butyl alcohol	5.363	59	164577	99.753	ug/l	99
12) 1,1-Dichloroethene	4.187	96	111344	18.124	ug/l	99
13) Acrolein	4.040	56	102639	58.776	ug/l	99
14) Allyl chloride	4.834	41	242849	18.175	ug/l	88
15) Acrylonitrile	5.545	53	475165	96.994	ug/l	99
16) Acetone	4.281	43	403766	98.807	ug/l	94
17) Carbon Disulfide	4.534	76	280787	16.054	ug/l	98
18) Methyl Acetate	4.851	43	245905	22.666	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	472992	20.506	ug/l	96
20) Methylene Chloride	5.092	84	149839	20.291	ug/l	91
21) trans-1,2-Dichloroethene	5.592	96	124397	18.512	ug/l	92
22) Diisopropyl ether	6.492	45	525470	19.962	ug/l	91
23) Vinyl Acetate	6.428	43	2258997	101.367	ug/l	97
24) 1,1-Dichloroethane	6.386	63	264906	19.044	ug/l	98
25) 2-Butanone	7.328	43	652969	99.194	ug/l	95
26) 2,2-Dichloropropane	7.322	77	210140	19.582	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	153041	19.189	ug/l	88
28) Bromochloromethane	7.651	49	111221	17.955	ug/l	82
29) Tetrahydrofuran	7.680	42	451975	99.109	ug/l	92
30) Chloroform	7.810	83	259826	19.585	ug/l	98
31) Cyclohexane	8.092	56	250119	18.649	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	216695	19.175	ug/l	97
36) 1,1-Dichloropropene	8.216	75	186704	18.432	ug/l	96
37) Ethyl Acetate	7.410	43	260743	18.704	ug/l	99
38) Carbon Tetrachloride	8.204	117	182510	18.627	ug/l	98
39) Methylcyclohexane	9.457	83	228330	19.161	ug/l	95
40) Benzene	8.457	78	587457	19.248	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	140274	20.561	ug/l	85
42) 1,2-Dichloroethane	8.527	62	213861	20.137	ug/l	98
43) Isopropyl Acetate	8.557	43	448966	21.536	ug/l #	92
44) Trichloroethene	9.210	130	137052	19.032	ug/l	95
45) 1,2-Dichloropropane	9.486	63	159218	19.434	ug/l	98
46) Dibromomethane	9.574	93	101396	20.108	ug/l	98
47) Bromodichloromethane	9.757	83	197917	19.422	ug/l	99
48) Methyl methacrylate	9.557	41	193520	20.031	ug/l #	82
49) 1,4-Dioxane	9.563	88	71044	423.059	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	1293833	100.003	ug/l	99
52) Toluene	10.504	92	361941	19.259	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	215572	19.190	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	236868	19.298	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	147210	19.548	ug/l	97
56) Ethyl methacrylate	10.757	69	242227	19.696	ug/l	92
57) 1,3-Dichloropropane	11.039	76	266527	19.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	380717	158.790	ug/l	95
59) 2-Hexanone	11.080	43	933850	105.787	ug/l	99
60) Dibromochloromethane	11.233	129	147142	19.665	ug/l	99
61) 1,2-Dibromoethane	11.339	107	148600	19.307	ug/l	99
64) Tetrachloroethene	10.974	164	120081	18.931	ug/l	95
65) Chlorobenzene	11.768	112	375077	19.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	141180	19.713	ug/l	98
67) Ethyl Benzene	11.839	91	680873	19.716	ug/l	98
68) m/p-Xylenes	11.951	106	519497	41.120	ug/l	99
69) o-Xylene	12.274	106	263840	20.834	ug/l	99
70) Styrene	12.292	104	408833	20.856	ug/l	97
71) Bromoform	12.451	173	106227	19.531	ug/l #	100
73) Isopropylbenzene	12.574	105	658923	18.495	ug/l	100
74) N-amyl acetate	12.386	43	271493	20.267	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	231605	20.357	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	184725m	18.865	ug/l	
77) Bromobenzene	12.857	156	151955	18.290	ug/l	80
78) n-propylbenzene	12.915	91	721496	18.872	ug/l	98
79) 2-Chlorotoluene	13.004	91	450537	18.358	ug/l	95
80) 1,3,5-Trimethylbenzene	13.051	105	535335	19.313	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	66097	19.332	ug/l	94
82) 4-Chlorotoluene	13.098	91	428815	19.617	ug/l	93
83) tert-Butylbenzene	13.321	119	473818	19.154	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	528600	19.910	ug/l	99
85) sec-Butylbenzene	13.498	105	641550	19.512	ug/l	99
86) p-Isopropyltoluene	13.610	119	518654	20.058	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	254613	18.862	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	248659	18.845	ug/l	98
89) n-Butylbenzene	13.939	91	407822	20.165	ug/l	96
90) Hexachloroethane	14.209	117	89757	17.455	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	255020	19.650	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41633	20.084	ug/l	90
93) 1,2,4-Trichlorobenzene	15.256	180	118985	21.459	ug/l	99
94) Hexachlorobutadiene	15.362	225	69898	19.185	ug/l	99
95) Naphthalene	15.504	128	365427	24.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	117873	21.936	ug/l	99

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

