

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071320.D
 Acq On : 16 Mar 2022 14:52
 Operator : JC\MD
 Sample : VN0316MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 17 05:17:49 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	685019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1120333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1008513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	414090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	467091	49.752	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.500%		
35) Dibromofluoromethane	8.022	113	351306	49.692	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.380%		
50) Toluene-d8	10.439	98	1394200	48.980	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.727	95	463579	48.095	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	121633	16.201	ug/l	100
3) Chloromethane	2.299	50	172363	17.078	ug/l	99
4) Vinyl Chloride	2.440	62	156574	17.018	ug/l	98
5) Bromomethane	2.851	94	93844	19.156	ug/l	95
6) Chloroethane	3.016	64	99487	17.855	ug/l	100
7) Trichlorofluoromethane	3.375	101	213881	17.662	ug/l	94
8) Diethyl Ether	3.822	74	94142	18.167	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	125751	17.938	ug/l	94
10) Methyl Iodide	4.422	142	162969	16.459	ug/l	98
11) Tert butyl alcohol	5.363	59	158485	85.931	ug/l	99
12) 1,1-Dichloroethene	4.181	96	121301	17.663	ug/l	93
13) Acrolein	4.040	56	95559	48.951	ug/l	99
14) Allyl chloride	4.840	41	255607	17.113	ug/l	88
15) Acrylonitrile	5.551	53	474829	86.705	ug/l	99
16) Acetone	4.287	43	396401	86.776	ug/l	99
17) Carbon Disulfide	4.534	76	283337	14.492	ug/l	99
18) Methyl Acetate	4.851	43	234694	19.420	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	489170	18.971	ug/l	98
20) Methylene Chloride	5.098	84	150790	18.305	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	130733	17.404	ug/l	94
22) Diisopropyl ether	6.492	45	544090	18.490	ug/l	95
23) Vinyl Acetate	6.428	43	2312604	92.830	ug/l	97
24) 1,1-Dichloroethane	6.386	63	280830	18.060	ug/l	100
25) 2-Butanone	7.333	43	661674	89.917	ug/l	97
26) 2,2-Dichloropropane	7.328	77	222683	18.563	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	160566	18.010	ug/l	91
28) Bromochloromethane	7.657	49	113020	16.322	ug/l	85
29) Tetrahydrofuran	7.681	42	447593	87.799	ug/l	93
30) Chloroform	7.816	83	270709	18.253	ug/l	99
31) Cyclohexane	8.092	56	261505	17.442	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	234808	18.587	ug/l	98
36) 1,1-Dichloropropene	8.222	75	203086	17.929	ug/l	96
37) Ethyl Acetate	7.410	43	274226	17.591	ug/l	97
38) Carbon Tetrachloride	8.204	117	195934	17.883	ug/l	97
39) Methylcyclohexane	9.457	83	242343	18.187	ug/l	94
40) Benzene	8.457	78	619550	18.154	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	139156	18.240	ug/l #	87
42) 1,2-Dichloroethane	8.527	62	220907	18.601	ug/l	99
43) Isopropyl Acetate	8.557	43	449785	19.294	ug/l	94
44) Trichloroethene	9.216	130	148159	18.399	ug/l	98
45) 1,2-Dichloropropane	9.486	63	166953	18.224	ug/l	99
46) Dibromomethane	9.574	93	102949	18.257	ug/l	96
47) Bromodichloromethane	9.757	83	207197	18.183	ug/l	99
48) Methyl methacrylate	9.557	41	198169	18.343	ug/l #	83
49) 1,4-Dioxane	9.569	88	66668	355.027	ug/l	91
51) 4-Methyl-2-Pentanone	10.327	43	1338858	92.542	ug/l	99
52) Toluene	10.504	92	387365	18.433	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	231536	18.432	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	253963	18.503	ug/l	99
55) 1,1,2-Trichloroethane	10.898	97	156211	18.550	ug/l	96
56) Ethyl methacrylate	10.757	69	252819	18.384	ug/l	90
57) 1,3-Dichloropropane	11.039	76	278474	18.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	313632	124.317	ug/l	95
59) 2-Hexanone	11.080	43	960089	97.260	ug/l	99
60) Dibromochloromethane	11.233	129	155764	18.616	ug/l	100
61) 1,2-Dibromoethane	11.345	107	156869	18.227	ug/l	99
64) Tetrachloroethene	10.974	164	128146	18.219	ug/l	96
65) Chlorobenzene	11.768	112	404466	18.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	150619	18.966	ug/l	99
67) Ethyl Benzene	11.839	91	728294	19.018	ug/l	96
68) m/p-Xylenes	11.951	106	544223	38.847	ug/l	98
69) o-Xylene	12.274	106	277554	19.765	ug/l	97
70) Styrene	12.292	104	437135	20.110	ug/l	97
71) Bromoform	12.451	173	113352	18.795	ug/l #	99
73) Isopropylbenzene	12.574	105	708519	17.750	ug/l	100
74) N-amyl acetate	12.386	43	283690	18.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	239833	18.610	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	220792m	20.325	ug/l	
77) Bromobenzene	12.857	156	169317	18.190	ug/l	83
78) n-propylbenzene	12.915	91	775985	18.116	ug/l	98
79) 2-Chlorotoluene	13.004	91	480671	17.481	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	570969	18.385	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	69193	18.063	ug/l	98
82) 4-Chlorotoluene	13.104	91	455356	18.592	ug/l	94
83) tert-Butylbenzene	13.321	119	530744	19.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	566150	19.032	ug/l	100
85) sec-Butylbenzene	13.498	105	686964	18.648	ug/l	99
86) p-Isopropyltoluene	13.610	119	555483	19.174	ug/l	98
87) 1,3-Dichlorobenzene	13.615	146	266743	17.637	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	259023	17.520	ug/l	98
89) n-Butylbenzene	13.939	91	424611	18.739	ug/l	96
90) Hexachloroethane	14.204	117	96304	16.716	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	264150	18.166	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44483	19.153	ug/l	89
93) 1,2,4-Trichlorobenzene	15.256	180	127454	20.648	ug/l	98
94) Hexachlorobutadiene	15.362	225	74070	18.146	ug/l	97
95) Naphthalene	15.504	128	420884	24.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	129036	21.496	ug/l	98

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

