

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071243.D
 Acq On : 11 Mar 2022 11:56
 Operator : JC\MD
 Sample : VN0311MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 12 02:15:43 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	649132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1061057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	951322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	400084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	400412	45.007	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.020%		
35) Dibromofluoromethane	8.016	113	301499	45.029	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.060%		
50) Toluene-d8	10.439	98	1193944	44.288	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.580%		
62) 4-Bromofluorobenzene	12.727	95	412146	45.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	119607	16.812	ug/l	100
3) Chloromethane	2.299	50	170012	17.778	ug/l	99
4) Vinyl Chloride	2.440	62	150265	17.235	ug/l	99
5) Bromomethane	2.840	94	87276	18.674	ug/l	99
6) Chloroethane	3.010	64	95261	18.042	ug/l	94
7) Trichlorofluoromethane	3.369	101	196201	17.097	ug/l	96
8) Diethyl Ether	3.822	74	84788	17.266	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	118609	17.854	ug/l	94
10) Methyl Iodide	4.422	142	147304	15.699	ug/l	100
11) Tert butyl alcohol	5.357	59	144245	82.534	ug/l	98
12) 1,1-Dichloroethene	4.181	96	112074	17.222	ug/l	93
13) Acrolein	4.034	56	110132	59.536	ug/l	100
14) Allyl chloride	4.840	41	240632	17.001	ug/l	86
15) Acrylonitrile	5.545	53	437697	84.343	ug/l	99
16) Acetone	4.281	43	379478	87.664	ug/l	94
17) Carbon Disulfide	4.528	76	289042	15.601	ug/l	99
18) Methyl Acetate	4.846	43	231188	20.169	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	437953	17.924	ug/l	100
20) Methylene Chloride	5.093	84	141633	18.147	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	120488	16.927	ug/l	94
22) Diisopropyl ether	6.492	45	499836	17.925	ug/l	90
23) Vinyl Acetate	6.428	43	2145303	90.875	ug/l	98
24) 1,1-Dichloroethane	6.381	63	260263	17.663	ug/l	99
25) 2-Butanone	7.328	43	613469	87.975	ug/l	92
26) 2,2-Dichloropropane	7.316	77	205313	18.061	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	148068	17.526	ug/l	90
28) Bromochloromethane	7.651	49	120023	18.291	ug/l	84
29) Tetrahydrofuran	7.681	42	414808	85.866	ug/l	92
30) Chloroform	7.816	83	250984	17.859	ug/l	99
31) Cyclohexane	8.092	56	243793	17.160	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	212056	17.714	ug/l	95
36) 1,1-Dichloropropene	8.216	75	188106	17.534	ug/l	97
37) Ethyl Acetate	7.404	43	244141	16.536	ug/l	98
38) Carbon Tetrachloride	8.204	117	182786	17.615	ug/l	97
39) Methylcyclohexane	9.457	83	218810	17.338	ug/l	94
40) Benzene	8.457	78	571212	17.672	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	117488	16.261	ug/l	94
42) 1,2-Dichloroethane	8.528	62	205134	18.238	ug/l	99
43) Isopropyl Acetate	8.551	43	431379	19.538	ug/l #	91
44) Trichloroethene	9.210	130	136192	17.858	ug/l	98
45) 1,2-Dichloropropane	9.486	63	153409	17.681	ug/l	99
46) Dibromomethane	9.569	93	96401	18.051	ug/l	95
47) Bromodichloromethane	9.757	83	189927	17.598	ug/l	100
48) Methyl methacrylate	9.557	41	182186	17.806	ug/l #	79
49) 1,4-Dioxane	9.563	88	65685	369.333	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1206656	88.064	ug/l	99
52) Toluene	10.504	92	351559	17.663	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	211062	17.741	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	232431	17.880	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	140875	17.663	ug/l	98
56) Ethyl methacrylate	10.757	69	226898	17.421	ug/l	92
57) 1,3-Dichloropropane	11.039	76	252598	17.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	340303	138.366	ug/l	94
59) 2-Hexanone	11.080	43	873793	93.463	ug/l	100
60) Dibromochloromethane	11.233	129	145030	18.302	ug/l	99
61) 1,2-Dibromoethane	11.339	107	142532	17.486	ug/l	100
64) Tetrachloroethene	10.975	164	119545	18.018	ug/l	97
65) Chlorobenzene	11.763	112	368165	18.021	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	138723	18.518	ug/l	98
67) Ethyl Benzene	11.839	91	661928	18.324	ug/l	99
68) m/p-Xylenes	11.951	106	500632	37.884	ug/l	97
69) o-Xylene	12.274	106	249388	18.827	ug/l	98
70) Styrene	12.292	104	394306	19.230	ug/l	97
71) Bromoform	12.451	173	106522	18.724	ug/l #	100
73) Isopropylbenzene	12.574	105	635002	16.465	ug/l	100
74) N-amyl acetate	12.380	43	255732	17.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	222344	17.748	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	195899m	18.420	ug/l	
77) Bromobenzene	12.857	156	148940	16.561	ug/l	80
78) n-propylbenzene	12.916	91	711638	17.195	ug/l	97
79) 2-Chlorotoluene	13.004	91	446351	16.801	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	522231	17.404	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	63844	17.250	ug/l	94
82) 4-Chlorotoluene	13.104	91	417845	17.658	ug/l	93
83) tert-Butylbenzene	13.321	119	462307	17.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	516839	17.983	ug/l	100
85) sec-Butylbenzene	13.498	105	615654	17.298	ug/l	99
86) p-Isopropyltoluene	13.610	119	503974	18.005	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	252205	17.259	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	245183	17.165	ug/l	98
89) n-Butylbenzene	13.939	91	384927	17.582	ug/l	96
90) Hexachloroethane	14.204	117	87193	15.664	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	245955	17.507	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38947	17.356	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	106182	18.215	ug/l	98
94) Hexachlorobutadiene	15.362	225	68897	17.469	ug/l	98
95) Naphthalene	15.504	128	269839	18.289	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	102076	18.095	ug/l	99

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

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