

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071091.D
 Acq On : 28 Feb 2022 13:18
 Operator : JC\MD
 Sample : VN0228MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Feb 28 16:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	570201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	918861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	829952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	333375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	386964	59.409	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.820%			
35) Dibromofluoromethane	8.016	113	305326	55.865	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.740%			
50) Toluene-d8	10.433	98	1185715	54.022	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.040%			
62) 4-Bromofluorobenzene	12.727	95	390510	49.776	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	115201	19.452	ug/l	99
3) Chloromethane	2.298	50	156168	20.979	ug/l	99
4) Vinyl Chloride	2.446	62	144943	19.451	ug/l	97
5) Bromomethane	2.857	94	85683	20.241	ug/l	100
6) Chloroethane	3.022	64	94590	19.349	ug/l	96
7) Trichlorofluoromethane	3.381	101	199436	21.356	ug/l	98
8) Diethyl Ether	3.828	74	89893	22.143	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	118404	20.665	ug/l	96
10) Methyl Iodide	4.428	142	164231	20.696	ug/l	96
11) Tert butyl alcohol	5.357	59	138755	116.891	ug/l	98
12) 1,1-Dichloroethene	4.187	96	108401	19.419	ug/l	94
13) Acrolein	4.040	56	96134	90.631	ug/l	98
14) Allyl chloride	4.845	41	233144	21.899	ug/l	87
15) Acrylonitrile	5.551	53	440798	126.069	ug/l	98
16) Acetone	4.281	43	361491	100.774	ug/l	93
17) Carbon Disulfide	4.534	76	267526	16.712	ug/l	97
18) Methyl Acetate	4.851	43	209232	26.354	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	459175	23.449	ug/l	99
20) Methylene Chloride	5.092	84	143112	21.952	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	119942	20.018	ug/l	87
22) Diisopropyl ether	6.492	45	517963	25.367	ug/l	92
23) Vinyl Acetate	6.428	43	2155161	124.685	ug/l	99
24) 1,1-Dichloroethane	6.386	63	259335	22.656	ug/l	99
25) 2-Butanone	7.328	43	583540	122.286	ug/l	93
26) 2,2-Dichloropropane	7.322	77	207956	21.860	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	149876	21.764	ug/l	90
28) Bromochloromethane	7.651	49	92413	19.947	ug/l	83
29) Tetrahydrofuran	7.680	42	400006	129.396	ug/l	92
30) Chloroform	7.816	83	252943	22.468	ug/l	98
31) Cyclohexane	8.092	56	245444	21.788	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	210606	21.662	ug/l	98
36) 1,1-Dichloropropene	8.216	75	181262	20.243	ug/l	97
37) Ethyl Acetate	7.404	43	250452	26.081	ug/l	96
38) Carbon Tetrachloride	8.198	117	179578	20.355	ug/l	100
39) Methylcyclohexane	9.457	83	222137	19.280	ug/l	94
40) Benzene	8.457	78	575672	21.735	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	131256	25.952	ug/l #	84
42) 1,2-Dichloroethane	8.527	62	208663	23.132	ug/l	98
43) Isopropyl Acetate	8.551	43	383663	25.347	ug/l	96
44) Trichloroethene	9.210	130	135413	19.415	ug/l	95
45) 1,2-Dichloropropane	9.486	63	155376	22.901	ug/l	97
46) Dibromomethane	9.574	93	96657	21.648	ug/l	97
47) Bromodichloromethane	9.757	83	198425	21.989	ug/l	99
48) Methyl methacrylate	9.557	41	175142	24.446	ug/l #	84
49) 1,4-Dioxane	9.563	88	58017	455.922	ug/l	88
51) 4-Methyl-2-Pentanone	10.321	43	1170561	127.105	ug/l	99
52) Toluene	10.498	92	357756	21.496	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	212357	21.642	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	231233	21.459	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	146069	22.422	ug/l	99
56) Ethyl methacrylate	10.757	69	227964	23.225	ug/l	93
57) 1,3-Dichloropropane	11.039	76	253750	22.518	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	158678	95.232	ug/l	95
59) 2-Hexanone	11.080	43	791854	125.020	ug/l	99
60) Dibromochloromethane	11.233	129	148145	21.518	ug/l	100
61) 1,2-Dibromoethane	11.339	107	143724	21.690	ug/l	99
64) Tetrachloroethene	10.974	164	117552	18.187	ug/l	98
65) Chlorobenzene	11.768	112	373764	20.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	139876	21.456	ug/l	99
67) Ethyl Benzene	11.839	91	667468	21.324	ug/l	97
68) m/p-Xylenes	11.945	106	500469	41.393	ug/l	98
69) o-Xylene	12.274	106	251618	21.304	ug/l	99
70) Styrene	12.286	104	387958	20.658	ug/l	98
71) Bromoform	12.451	173	106333	20.480	ug/l #	100
73) Isopropylbenzene	12.574	105	638211	23.784	ug/l	99
74) N-amyl acetate	12.386	43	219725	25.616	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	222226	26.061	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	191694m	24.422	ug/l	
77) Bromobenzene	12.857	156	149849	22.812	ug/l	85
78) n-propylbenzene	12.915	91	685999	22.754	ug/l	99
79) 2-Chlorotoluene	13.004	91	435133	23.766	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	517659	23.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	57430	23.709	ug/l	91
82) 4-Chlorotoluene	13.098	91	408205	22.968	ug/l	95
83) tert-Butylbenzene	13.321	119	458960	22.261	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	495238	23.142	ug/l	99
85) sec-Butylbenzene	13.498	105	609350	22.430	ug/l	99
86) p-Isopropyltoluene	13.610	119	480334	21.538	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	247806	21.310	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	237767	20.869	ug/l	97
89) n-Butylbenzene	13.939	91	353440	19.425	ug/l	96
90) Hexachloroethane	14.209	117	89405	22.448	ug/l	94
91) 1,2-Dichlorobenzene	13.980	146	242100	22.171	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33050	23.922	ug/l	90
93) 1,2,4-Trichlorobenzene	15.262	180	98908	17.470	ug/l	99
94) Hexachlorobutadiene	15.362	225	72179	18.127	ug/l	97
95) Naphthalene	15.504	128	207143	17.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	91982	17.954	ug/l	99

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

