

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070901.D
 Acq On : 2 Feb 2022 19:00
 Operator : JC/MD
 Sample : VN0202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 05:57:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	821689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1341424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1198528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	476002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	528615	47.527	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.060%		
35) Dibromofluoromethane	8.021	113	394515	49.094	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.180%		
50) Toluene-d8	10.440	98	1597384	48.414	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.820%		
62) 4-Bromofluorobenzene	12.731	95	540451	45.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	165121	18.111	ug/l	98
3) Chloromethane	2.303	50	224259	19.475	ug/l	99
4) Vinyl Chloride	2.445	62	184278	19.156	ug/l	99
5) Bromomethane	2.853	94	96892	19.692	ug/l	98
6) Chloroethane	3.019	64	85488	19.595	ug/l	97
7) Trichlorofluoromethane	3.373	101	205365	19.116	ug/l	96
8) Diethyl Ether	3.827	74	101220	16.246	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.208	101	143868	17.749	ug/l	97
10) Methyl Iodide	4.419	142	203599	17.022	ug/l	98
11) Tert butyl alcohol	5.382	59	219681	93.996	ug/l	98
12) 1,1-Dichloroethene	4.178	96	152354	18.399	ug/l	95
13) Acrolein	4.041	56	228216	88.695	ug/l	97
14) Allyl chloride	4.838	41	345808	18.332	ug/l	85
15) Acrylonitrile	5.557	53	628403	96.283	ug/l	100
16) Acetone	4.288	43	570747	85.819	ug/l	96
17) Carbon Disulfide	4.527	76	446936	17.379	ug/l	99
18) Methyl Acetate	4.859	43	293938	19.097	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	596748	18.875	ug/l	95
20) Methylene Chloride	5.093	84	185376	18.355	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	161442	18.286	ug/l	85
22) Diisopropyl ether	6.498	45	706706	19.341	ug/l	92
23) Vinyl Acetate	6.436	43	3091899	95.667	ug/l	95
24) 1,1-Dichloroethane	6.388	63	340783	18.523	ug/l	99
25) 2-Butanone	7.337	43	904951	94.267	ug/l	93
26) 2,2-Dichloropropane	7.327	77	258748	17.908	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	191164	18.333	ug/l	88
28) Bromochloromethane	7.657	49	150796	18.783	ug/l #	78
29) Tetrahydrofuran	7.689	42	620944	99.581	ug/l	89
30) Chloroform	7.817	83	324911	18.564	ug/l	98
31) Cyclohexane	8.094	56	346976	18.361	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	270669	18.321	ug/l	98
36) 1,1-Dichloropropene	8.222	75	242531	18.578	ug/l	96
37) Ethyl Acetate	7.415	43	356925	19.837	ug/l	97
38) Carbon Tetrachloride	8.206	117	217934	18.280	ug/l	98
39) Methylcyclohexane	9.461	83	290698	18.114	ug/l	89
40) Benzene	8.458	78	765174	18.656	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	175232	19.384	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	264968	18.977	ug/l	99
43) Isopropyl Acetate	8.563	43	546526	18.069	ug/l #	95
44) Trichloroethene	9.217	130	174312	18.367	ug/l	89
45) 1,2-Dichloropropane	9.491	63	208119	18.950	ug/l	100
46) Dibromomethane	9.577	93	125436	19.065	ug/l	96
47) Bromodichloromethane	9.762	83	245550	18.529	ug/l	98
48) Methyl methacrylate	9.561	41	257611	19.754	ug/l #	81
49) 1,4-Dioxane	9.569	88	87858	402.169	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	1766301	99.212	ug/l	98
52) Toluene	10.505	92	468734	18.445	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	271082	18.125	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	298460	18.348	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	181540	18.810	ug/l	98
56) Ethyl methacrylate	10.762	69	316723	18.841	ug/l	89
57) 1,3-Dichloropropane	11.044	76	322481	19.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	337182	87.905	ug/l	91
59) 2-Hexanone	11.084	43	1268353	97.577	ug/l	97
60) Dibromochloromethane	11.237	129	172324	18.002	ug/l	100
61) 1,2-Dibromoethane	11.344	107	185223	18.661	ug/l	99
64) Tetrachloroethene	10.977	164	148321	18.907	ug/l	95
65) Chlorobenzene	11.768	112	466842	18.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	165388	18.890	ug/l	99
67) Ethyl Benzene	11.843	91	864966	18.916	ug/l	95
68) m/p-Xylenes	11.953	106	642283	37.908	ug/l	93
69) o-Xylene	12.280	106	315757	18.621	ug/l	93
70) Styrene	12.294	104	510731	19.110	ug/l	97
71) Bromoform	12.457	173	129189	17.871	ug/l #	99
73) Isopropylbenzene	12.578	105	824589	19.855	ug/l	98
74) N-amyl acetate	12.388	43	356987	19.193	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	290488	20.193	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	236629m	20.653	ug/l	
77) Bromobenzene	12.860	156	190931	19.177	ug/l	77
78) n-propylbenzene	12.921	91	918953	19.402	ug/l	96
79) 2-Chlorotoluene	13.007	91	569347	19.332	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	668212	19.848	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	79235	18.746	ug/l	96
82) 4-Chlorotoluene	13.104	91	548038	19.308	ug/l	91
83) tert-Butylbenzene	13.324	119	569873	19.409	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	658801	20.011	ug/l	97
85) sec-Butylbenzene	13.501	105	789977	19.231	ug/l	97
86) p-Isopropyltoluene	13.616	119	633316	19.551	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	318627	19.239	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	304777	18.398	ug/l	95
89) n-Butylbenzene	13.943	91	508313	17.806	ug/l	97
90) Hexachloroethane	14.209	117	107276	18.686	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	307588	19.360	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	50901	19.527	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	150026	17.064	ug/l	98
94) Hexachlorobutadiene	15.370	225	100574	18.954	ug/l	98
95) Naphthalene	15.504	128	427363	19.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	146566	18.586	ug/l	99

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

