

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070648.D
 Acq On : 17 Jan 2022 16:29
 Operator : JC/MD
 Sample : VN0117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 18 01:10:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	870539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1446210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1299492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	525450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	624705	49.910	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.820%			
35) Dibromofluoromethane	8.021	113	468309	53.519	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.040%			
50) Toluene-d8	10.440	98	1863350	52.128	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.731	95	673443	52.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	154273	15.627	ug/l	100
3) Chloromethane	2.303	50	227152	16.914	ug/l	99
4) Vinyl Chloride	2.448	62	225886	18.474	ug/l	100
5) Bromomethane	2.853	94	132678	21.024	ug/l	99
6) Chloroethane	3.019	64	136592	18.550	ug/l	97
7) Trichlorofluoromethane	3.376	101	276485	18.787	ug/l	97
8) Diethyl Ether	3.824	74	132831	20.475	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.208	101	171964	19.104	ug/l	94
10) Methyl Iodide	4.419	142	212469	17.442	ug/l	97
11) Tert butyl alcohol	5.377	59	248387	119.182	ug/l	98
12) 1,1-Dichloroethene	4.181	96	164243	18.525	ug/l	93
13) Acrolein	4.044	56	112328	66.427	ug/l	99
14) Allyl chloride	4.838	41	399011	19.850	ug/l #	82
15) Acrylonitrile	5.557	53	754802	116.061	ug/l	99
16) Acetone	4.288	43	685127	84.320	ug/l	97
17) Carbon Disulfide	4.527	76	357662	14.779	ug/l	98
18) Methyl Acetate	4.857	43	520075	22.127	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	697240	21.176	ug/l	96
20) Methylene Chloride	5.098	84	215868	19.202	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	174766	18.617	ug/l	88
22) Diisopropyl ether	6.498	45	849474	21.697	ug/l	91
23) Vinyl Acetate	6.434	43	3177817	104.612	ug/l	94
24) 1,1-Dichloroethane	6.385	63	406561	20.027	ug/l	98
25) 2-Butanone	7.335	43	1097499	107.275	ug/l	92
26) 2,2-Dichloropropane	7.324	77	304963	19.042	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	221610	19.785	ug/l	87
28) Bromochloromethane	7.657	49	216407	21.797	ug/l #	76
29) Tetrahydrofuran	7.686	42	719602	117.890	ug/l	87
30) Chloroform	7.817	83	389342	19.880	ug/l	99
31) Cyclohexane	8.094	56	374551	18.963	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	309311	18.731	ug/l	98
36) 1,1-Dichloropropene	8.220	75	272205	18.805	ug/l	96
37) Ethyl Acetate	7.412	43	420894	22.432	ug/l	95
38) Carbon Tetrachloride	8.204	117	243059	17.585	ug/l	99
39) Methylcyclohexane	9.459	83	319154	18.212	ug/l	88
40) Benzene	8.458	78	884905	19.940	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	219551	23.394	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	310233	18.598	ug/l	100
43) Isopropyl Acetate	8.560	43	631084	21.333	ug/l #	95
44) Trichloroethene	9.215	130	198861	18.859	ug/l	91
45) 1,2-Dichloropropane	9.491	63	250593	20.973	ug/l	99
46) Dibromomethane	9.577	93	145538	19.588	ug/l	94
47) Bromodichloromethane	9.762	83	284718	19.299	ug/l	98
48) Methyl methacrylate	9.561	41	286774	20.324	ug/l #	85
49) 1,4-Dioxane	9.569	88	99823	483.284	ug/l #	76
51) 4-Methyl-2-Pentanone	10.330	43	2118244	113.956	ug/l	98
52) Toluene	10.505	92	545111	20.293	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	309284	19.365	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	345008	19.969	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	222427	20.928	ug/l	98
56) Ethyl methacrylate	10.760	69	374858	21.346	ug/l	88
57) 1,3-Dichloropropane	11.044	76	391724	20.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	488886	119.431	ug/l	90
59) 2-Hexanone	11.084	43	1491261	110.012	ug/l	97
60) Dibromochloromethane	11.237	129	202419	19.520	ug/l	99
61) 1,2-Dibromoethane	11.347	107	214688	19.894	ug/l	100
64) Tetrachloroethene	10.977	164	183596	19.510	ug/l	96
65) Chlorobenzene	11.768	112	546588	19.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	194646	19.775	ug/l	98
67) Ethyl Benzene	11.843	91	1024584	20.281	ug/l	96
68) m/p-Xylenes	11.953	106	751868	40.886	ug/l	93
69) o-Xylene	12.280	106	375695	20.540	ug/l	91
70) Styrene	12.294	104	601241	20.769	ug/l	96
71) Bromoform	12.457	173	145750	19.951	ug/l #	100
73) Isopropylbenzene	12.578	105	978770	20.059	ug/l	98
74) N-amyl acetate	12.388	43	409365	19.952	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	351977	20.946	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	309978m	21.571	ug/l	
77) Bromobenzene	12.860	156	220535	19.686	ug/l	74
78) n-propylbenzene	12.921	91	1081444	20.003	ug/l	96
79) 2-Chlorotoluene	13.007	91	689990	19.890	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	803254	20.542	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	88859	20.661	ug/l	97
82) 4-Chlorotoluene	13.104	91	637395	19.616	ug/l	91
83) tert-Butylbenzene	13.324	119	688719	20.003	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	782152	20.773	ug/l	97
85) sec-Butylbenzene	13.501	105	942950	20.172	ug/l	97
86) p-Isopropyltoluene	13.616	119	739389	20.136	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	359377	19.163	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	342998	18.541	ug/l	94
89) n-Butylbenzene	13.943	91	566745	18.504	ug/l	96
90) Hexachloroethane	14.211	117	121579	19.058	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	359057	19.530	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56465	19.976	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	157730	18.208	ug/l	97
94) Hexachlorobutadiene	15.370	225	105543	20.964	ug/l	99
95) Naphthalene	15.507	128	423475	18.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	158098	19.591	ug/l	98

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

