

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070617.D
 Acq On : 14 Jan 2022 12:27
 Operator : JC/MD
 Sample : VN0114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 14 13:36:16 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	824894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1318477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1227000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	511250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	567628	47.859	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.720%		
35) Dibromofluoromethane	8.021	113	410483	51.455	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.920%		
50) Toluene-d8	10.440	98	1662091	51.002	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.000%		
62) 4-Bromofluorobenzene	12.731	95	599961	50.972	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	152530	16.305	ug/l	99
3) Chloromethane	2.303	50	214167	16.830	ug/l	98
4) Vinyl Chloride	2.448	62	191205	16.503	ug/l	98
5) Bromomethane	2.850	94	122692	20.517	ug/l	95
6) Chloroethane	3.017	64	131675	18.872	ug/l	95
7) Trichlorofluoromethane	3.373	101	261419	18.746	ug/l	99
8) Diethyl Ether	3.824	74	118028	19.200	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	163118	19.124	ug/l	96
10) Methyl Iodide	4.419	142	197255	17.089	ug/l	99
11) Tert butyl alcohol	5.382	59	211929	107.316	ug/l	98
12) 1,1-Dichloroethene	4.178	96	150644	17.931	ug/l	92
13) Acrolein	4.039	56	111555	69.620	ug/l	97
14) Allyl chloride	4.838	41	364999	19.163	ug/l #	82
15) Acrylonitrile	5.554	53	677052	109.867	ug/l	99
16) Acetone	4.288	43	725758	94.264	ug/l	97
17) Carbon Disulfide	4.527	76	364867	15.911	ug/l	98
18) Methyl Acetate	4.857	43	472811	21.229	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	621531	19.921	ug/l	94
20) Methylene Chloride	5.093	84	198027	18.590	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	161288	18.132	ug/l	87
22) Diisopropyl ether	6.498	45	771271	20.789	ug/l	92
23) Vinyl Acetate	6.434	43	2914918	101.267	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	370975	19.285	ug/l	98
25) 2-Butanone	7.337	43	1029139	106.159	ug/l	91
26) 2,2-Dichloropropane	7.324	77	278811	18.372	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	202251	19.055	ug/l	86
28) Bromochloromethane	7.657	49	188717	20.060	ug/l #	75
29) Tetrahydrofuran	7.689	42	643030	111.175	ug/l	87
30) Chloroform	7.817	83	361560	19.483	ug/l	97
31) Cyclohexane	8.094	56	353629	18.894	ug/l	87
32) 1,1,1-Trichloroethane	8.011	97	291393	18.622	ug/l	97
36) 1,1-Dichloropropene	8.220	75	255469	19.358	ug/l	96
37) Ethyl Acetate	7.412	43	374276	21.880	ug/l	96
38) Carbon Tetrachloride	8.204	117	236478	18.766	ug/l	99
39) Methylcyclohexane	9.459	83	301666	18.882	ug/l	87
40) Benzene	8.458	78	819563	20.257	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	195502	22.850	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	293744	19.316	ug/l	100
43) Isopropyl Acetate	8.560	43	577502	21.413	ug/l #	94
44) Trichloroethene	9.215	130	182691	19.004	ug/l	94
45) 1,2-Dichloropropane	9.491	63	231100	21.215	ug/l	99
46) Dibromomethane	9.577	93	137480	20.296	ug/l	93
47) Bromodichloromethane	9.762	83	272319	20.247	ug/l	99
48) Methyl methacrylate	9.561	41	259237	20.152	ug/l #	82
49) 1,4-Dioxane	9.569	88	90716	481.742	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	1946530	114.863	ug/l	98
52) Toluene	10.505	92	510344	20.840	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	290094	19.923	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	326226	20.711	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	204008	21.055	ug/l	96
56) Ethyl methacrylate	10.762	69	340513	21.269	ug/l	88
57) 1,3-Dichloropropane	11.044	76	360730	21.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	511269	134.276	ug/l	89
59) 2-Hexanone	11.084	43	1423615	115.196	ug/l	96
60) Dibromochloromethane	11.237	129	191660	20.273	ug/l	98
61) 1,2-Dibromoethane	11.344	107	201350	20.466	ug/l	98
64) Tetrachloroethene	10.977	164	170104	19.145	ug/l	97
65) Chlorobenzene	11.771	112	518651	19.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	184507	19.852	ug/l	99
67) Ethyl Benzene	11.843	91	962438	20.177	ug/l	96
68) m/p-Xylenes	11.953	106	712220	41.019	ug/l	93
69) o-Xylene	12.280	106	346210	20.046	ug/l	90
70) Styrene	12.294	104	567459	20.760	ug/l	96
71) Bromoform	12.457	173	143482	20.801	ug/l #	100
73) Isopropylbenzene	12.578	105	917054	19.316	ug/l	98
74) N-amyl acetate	12.388	43	379191	18.995	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	331295	20.249	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	277719m	20.079	ug/l	
77) Bromobenzene	12.860	156	211114	19.368	ug/l	76
78) n-propylbenzene	12.919	91	1040734	19.784	ug/l	95
79) 2-Chlorotoluene	13.007	91	646586	19.157	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	758938	19.948	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	85413	20.412	ug/l	97
82) 4-Chlorotoluene	13.104	91	618986	19.578	ug/l	92
83) tert-Butylbenzene	13.324	119	639933	19.102	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	737309	20.126	ug/l	96
85) sec-Butylbenzene	13.501	105	905420	19.907	ug/l	97
86) p-Isopropyltoluene	13.616	119	708783	19.838	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	354096	19.406	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	342622	19.035	ug/l	97
89) n-Butylbenzene	13.943	91	563522	18.909	ug/l	97
90) Hexachloroethane	14.211	117	123427	19.886	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	346965	19.397	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	54881	19.954	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	160812	19.080	ug/l	97
94) Hexachlorobutadiene	15.370	225	111495	22.761	ug/l	98
95) Naphthalene	15.507	128	395778	18.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	158910	20.211	ug/l	99

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

