

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070701.D
 Acq On : 19 Jan 2022 15:46
 Operator : JC/MD
 Sample : VN0119MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jan 20 03:39:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

01/20/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	831869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1386711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1256479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	503381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	608722	51.059	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.120%	
35) Dibromofluoromethane	8.021	113	433571	50.405	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.800%	
50) Toluene-d8	10.440	98	1785583	49.275	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.731	95	621978	48.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	158755	16.515	ug/l	98
3) Chloromethane	2.303	50	230991	16.440	ug/l	99
4) Vinyl Chloride	2.448	62	200955	15.037	ug/l	97
5) Bromomethane	2.845	94	129559	18.614	ug/l	98
6) Chloroethane	3.014	64	136754	16.398	ug/l	97
7) Trichlorofluoromethane	3.376	101	270453	17.715	ug/l	96
8) Diethyl Ether	3.824	74	126291	18.937	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	168640	18.277	ug/l	95
10) Methyl Iodide	4.419	142	225633	18.963	ug/l	97
11) Tert butyl alcohol	5.382	59	200732	93.325	ug/l #	85
12) 1,1-Dichloroethene	4.178	96	169072	18.372	ug/l	95
13) Acrolein	4.041	56	309576	100.356	ug/l	99
14) Allyl chloride	4.838	41	342357	17.074	ug/l #	84
15) Acrylonitrile	5.554	53	605050	88.427	ug/l	99
16) Acetone	4.285	43	1525631	184.372	ug/l	98
17) Carbon Disulfide	4.527	76	398026	15.925	ug/l	99
18) Methyl Acetate	4.856	43	286191	17.586	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	581019	17.673	ug/l	93
20) Methylene Chloride	5.093	84	182048	16.702	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	158137	17.073	ug/l	86
22) Diisopropyl ether	6.495	45	701927	17.661	ug/l	93
23) Vinyl Acetate	6.433	43	3041366	90.274	ug/l	95
24) 1,1-Dichloroethane	6.388	63	341922	17.199	ug/l	97
25) 2-Butanone	7.335	43	899480	86.385	ug/l	91
26) 2,2-Dichloropropane	7.324	77	256590	16.834	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	187214	17.015	ug/l	86
28) Bromochloromethane	7.656	49	165312	18.520	ug/l #	77
29) Tetrahydrofuran	7.686	42	587196	92.100	ug/l	87
30) Chloroform	7.817	83	335696	16.957	ug/l	98
31) Cyclohexane	8.094	56	352446	16.788	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	269827	17.486	ug/l	97
36) 1,1-Dichloropropene	8.220	75	244813	16.906	ug/l	95
37) Ethyl Acetate	7.415	43	335793	17.466	ug/l	97
38) Carbon Tetrachloride	8.206	117	220295	17.100	ug/l	99
39) Methylcyclohexane	9.459	83	292412	16.357	ug/l #	87
40) Benzene	8.458	78	787095	17.542	ug/l	100

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41) Methacrylonitrile	7.638	41	169410	17.321	ug/l	88
42) 1,2-Dichloroethane	8.528	62	271781	17.469	ug/l	97
43) Isopropyl Acetate	8.560	43	550173	18.736	ug/l #	92
44) Trichloroethene	9.215	130	167383	16.455	ug/l	90
45) 1,2-Dichloropropane	9.488	63	208373	17.068	ug/l	99
46) Dibromomethane	9.577	93	121898	17.172	ug/l	93
47) Bromodichloromethane	9.762	83	242792	16.732	ug/l	100
48) Methyl methacrylate	9.558	41	257535	18.410	ug/l #	79
49) 1,4-Dioxane	9.569	88	78798	374.993	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	1711313	91.332	ug/l	98
52) Toluene	10.505	92	671626	25.023	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	276339	17.353	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	292963	16.835	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	181025	17.169	ug/l	98
56) Ethyl methacrylate	10.759	69	318796	17.467	ug/l	89
57) 1,3-Dichloropropane	11.044	76	325461	17.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	450571	102.284	ug/l	90
59) 2-Hexanone	11.084	43	1258323	92.443	ug/l	96
60) Dibromochloromethane	11.237	129	169162	17.200	ug/l	100
61) 1,2-Dibromoethane	11.344	107	181030	17.100	ug/l	99
64) Tetrachloroethene	10.977	164	144270	15.660	ug/l	94
65) Chlorobenzene	11.768	112	472204	17.346	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	163880	17.482	ug/l	99
67) Ethyl Benzene	11.843	91	888617	17.606	ug/l	95
68) m/p-Xylenes	11.950	106	655420	35.696	ug/l	91
69) o-Xylene	12.280	106	322849	17.718	ug/l	91
70) Styrene	12.294	104	513716	17.623	ug/l	95
71) Bromoform	12.457	173	123190	17.397	ug/l #	99
73) Isopropylbenzene	12.578	105	827813	17.383	ug/l	97
74) N-amyl acetate	12.387	43	364449	18.717	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	288852	17.960	ug/l	97
76) 1,2,3-Trichloropropane	12.878	75	254161m	19.037	ug/l	
77) Bromobenzene	12.859	156	188372	17.642	ug/l	75
78) n-propylbenzene	12.918	91	932415	17.507	ug/l	96
79) 2-Chlorotoluene	13.007	91	589661	17.502	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	685801	17.808	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	81251	18.131	ug/l	95
82) 4-Chlorotoluene	13.104	91	554805	17.626	ug/l	91
83) tert-Butylbenzene	13.321	119	587502	17.525	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	666060	17.993	ug/l	97
85) sec-Butylbenzene	13.500	105	794796	17.439	ug/l	96
86) p-Isopropyltoluene	13.616	119	635130	17.740	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	310533	17.483	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	302409	17.108	ug/l	97
89) n-Butylbenzene	13.940	91	500140	16.934	ug/l	97
90) Hexachloroethane	14.211	117	107077	17.110	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	302419	17.233	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	47500	17.411	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	135123	16.959	ug/l	97
94) Hexachlorobutadiene	15.370	225	90579	17.428	ug/l	99
95) Naphthalene	15.504	128	381798	18.128	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	134989	17.424	ug/l	99

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

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