

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070704.D
 Acq On : 19 Jan 2022 17:02
 Operator : JC/MD
 Sample : VN0119MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:41:04 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	899864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1491025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1350889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	543934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	640772	49.686	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.380%		
35) Dibromofluoromethane	8.021	113	462682	50.026	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.060%		
50) Toluene-d8	10.440	98	1924559	49.394	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.780%		
62) 4-Bromofluorobenzene	12.731	95	671267	48.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	185517	17.841	ug/l	100
3) Chloromethane	2.303	50	267042	17.569	ug/l	98
4) Vinyl Chloride	2.448	62	256301	17.729	ug/l	100
5) Bromomethane	2.856	94	148043	19.662	ug/l	96
6) Chloroethane	3.022	64	144558	16.024	ug/l	95
7) Trichlorofluoromethane	3.379	101	296328	17.943	ug/l	98
8) Diethyl Ether	3.824	74	146119	20.255	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	192484	19.285	ug/l	94
10) Methyl Iodide	4.422	142	239697	18.623	ug/l	98
11) Tert butyl alcohol	5.379	59	232201	99.799	ug/l #	83
12) 1,1-Dichloroethene	4.178	96	191239	19.210	ug/l	93
13) Acrolein	4.041	56	293873	88.067	ug/l	99
14) Allyl chloride	4.840	41	403303	18.594	ug/l #	84
15) Acrylonitrile	5.554	53	717512	96.939	ug/l	99
16) Acetone	4.285	43	858159	95.872	ug/l	98
17) Carbon Disulfide	4.529	76	456767	16.894	ug/l	99
18) Methyl Acetate	4.856	43	332539	18.890	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	689891	19.399	ug/l	95
20) Methylene Chloride	5.098	84	211254	17.917	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	183018	18.267	ug/l	85
22) Diisopropyl ether	6.495	45	837684	19.484	ug/l	93
23) Vinyl Acetate	6.434	43	3587311	98.433	ug/l	94
24) 1,1-Dichloroethane	6.388	63	398924	18.550	ug/l	98
25) 2-Butanone	7.337	43	1084782	96.309	ug/l	92
26) 2,2-Dichloropropane	7.327	77	308731	18.724	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	220584	18.533	ug/l	86
28) Bromochloromethane	7.656	49	180746	18.720	ug/l #	76
29) Tetrahydrofuran	7.686	42	695965	100.912	ug/l	87
30) Chloroform	7.817	83	381570	17.844	ug/l	99
31) Cyclohexane	8.094	56	415483	18.296	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	313494	18.781	ug/l	98
36) 1,1-Dichloropropene	8.220	75	282587	18.149	ug/l	96
37) Ethyl Acetate	7.412	43	402446	19.469	ug/l	98
38) Carbon Tetrachloride	8.204	117	251629	18.166	ug/l	99
39) Methylcyclohexane	9.459	83	352469	18.337	ug/l	88
40) Benzene	8.458	78	890654	18.461	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	206894	19.673	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	310281	18.548	ug/l	99
43) Isopropyl Acetate	8.560	43	636195	20.150	ug/l #	94
44) Trichloroethene	9.217	130	197681	18.074	ug/l	90
45) 1,2-Dichloropropane	9.488	63	246173	18.754	ug/l	99
46) Dibromomethane	9.577	93	140803	18.448	ug/l	95
47) Bromodichloromethane	9.759	83	277396	17.780	ug/l	97
48) Methyl methacrylate	9.558	41	276671	18.394	ug/l #	83
49) 1,4-Dioxane	9.571	88	89875	397.785	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2003334	99.437	ug/l	98
52) Toluene	10.505	92	564859	19.573	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	316086	18.307	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	348262	18.613	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	210182	18.539	ug/l	97
56) Ethyl methacrylate	10.760	69	368367	18.599	ug/l	88
57) 1,3-Dichloropropane	11.044	76	381033	18.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	471700	100.148	ug/l	91
59) 2-Hexanone	11.084	43	1492546	101.979	ug/l	97
60) Dibromochloromethane	11.237	129	194333	18.377	ug/l	100
61) 1,2-Dibromoethane	11.344	107	209102	18.370	ug/l	100
64) Tetrachloroethene	10.977	164	169520	17.115	ug/l	97
65) Chlorobenzene	11.768	112	541442	18.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	189865	18.838	ug/l	99
67) Ethyl Benzene	11.843	91	1033715	19.050	ug/l	97
68) m/p-Xylenes	11.953	106	746183	37.799	ug/l	92
69) o-Xylene	12.280	106	372147	18.996	ug/l	92
70) Styrene	12.294	104	594808	18.979	ug/l	96
71) Bromoform	12.457	173	139871	18.372	ug/l #	99
73) Isopropylbenzene	12.578	105	967710	18.806	ug/l	98
74) N-amyl acetate	12.387	43	427103	20.300	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	336946	19.388	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	295324m	20.471	ug/l	
77) Bromobenzene	12.860	156	218149	18.908	ug/l	75
78) n-propylbenzene	12.919	91	1102467	19.157	ug/l	95
79) 2-Chlorotoluene	13.007	91	680176	18.684	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	798863	19.197	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	94029	19.418	ug/l	96
82) 4-Chlorotoluene	13.104	91	647049	19.023	ug/l	91
83) tert-Butylbenzene	13.323	119	673161	18.583	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	772700	19.317	ug/l	97
85) sec-Butylbenzene	13.500	105	937582	19.039	ug/l	97
86) p-Isopropyltoluene	13.616	119	738399	19.087	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	368401	19.195	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	350367	18.344	ug/l	96
89) n-Butylbenzene	13.943	91	601546	18.849	ug/l	96
90) Hexachloroethane	14.211	117	125990	18.631	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	355990	18.774	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	56755	19.252	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	169366	19.124	ug/l	98
94) Hexachlorobutadiene	15.370	225	108970	19.403	ug/l	98
95) Naphthalene	15.504	128	556545	22.728	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	168960	19.674	ug/l	98

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

