

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070643.D
 Acq On : 17 Jan 2022 14:19
 Operator : JC/MD
 Sample : VN0117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 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 17 17:02:33 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	886418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1436112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1319484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	525358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	602943	47.308	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.620%		
35) Dibromofluoromethane	8.021	113	451373	51.946	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.900%		
50) Toluene-d8	10.440	98	1819883	51.270	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.540%		
62) 4-Bromofluorobenzene	12.731	95	654467	51.048	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	153608	15.281	ug/l	100
3) Chloromethane	2.303	50	222033	16.237	ug/l	100
4) Vinyl Chloride	2.448	62	219952	17.667	ug/l	96
5) Bromomethane	2.856	94	128667	20.023	ug/l	97
6) Chloroethane	3.019	64	137750	18.372	ug/l	95
7) Trichlorofluoromethane	3.379	101	273611	18.259	ug/l	100
8) Diethyl Ether	3.824	74	126014	19.076	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	170261	18.576	ug/l	96
10) Methyl Iodide	4.422	142	211304	17.035	ug/l	96
11) Tert butyl alcohol	5.374	59	217664	102.570	ug/l	98
12) 1,1-Dichloroethene	4.181	96	159391	17.656	ug/l	93
13) Acrolein	4.041	56	105726	61.403	ug/l	99
14) Allyl chloride	4.838	41	382085	18.667	ug/l #	84
15) Acrylonitrile	5.554	53	693731	104.760	ug/l	99
16) Acetone	4.288	43	718818	86.882	ug/l	98
17) Carbon Disulfide	4.529	76	369660	15.001	ug/l	98
18) Methyl Acetate	4.857	43	482932	20.179	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	660334	19.696	ug/l	93
20) Methylene Chloride	5.093	84	210032	18.348	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	170294	17.816	ug/l	84
22) Diisopropyl ether	6.498	45	808431	20.278	ug/l	90
23) Vinyl Acetate	6.434	43	3038860	98.245	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	385270	18.638	ug/l	99
25) 2-Butanone	7.335	43	1032434	99.107	ug/l	92
26) 2,2-Dichloropropane	7.327	77	292065	17.910	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	215764	18.918	ug/l	87
28) Bromochloromethane	7.657	49	202330	20.014	ug/l #	76
29) Tetrahydrofuran	7.686	42	653667	105.170	ug/l	87
30) Chloroform	7.815	83	375649	18.837	ug/l	99
31) Cyclohexane	8.094	56	369537	18.374	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	302889	18.013	ug/l	97
36) 1,1-Dichloropropene	8.220	75	267831	18.633	ug/l	96
37) Ethyl Acetate	7.412	43	383753	20.596	ug/l	97
38) Carbon Tetrachloride	8.206	117	242145	17.642	ug/l	100
39) Methylcyclohexane	9.459	83	320009	18.389	ug/l	89
40) Benzene	8.458	78	855548	19.414	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	201459	21.617	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	303025	18.294	ug/l	100
43) Isopropyl Acetate	8.560	43	584292	19.890	ug/l	96
44) Trichloroethene	9.215	130	193438	18.474	ug/l	91
45) 1,2-Dichloropropane	9.488	63	240863	20.300	ug/l	100
46) Dibromomethane	9.577	93	140797	19.083	ug/l	95
47) Bromodichloromethane	9.762	83	279871	19.104	ug/l	99
48) Methyl methacrylate	9.558	41	264254	18.859	ug/l #	86
49) 1,4-Dioxane	9.569	88	88542	431.682	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	1960908	106.233	ug/l	98
52) Toluene	10.505	92	534299	20.031	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	307040	19.360	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	340941	19.873	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	215286	20.399	ug/l	97
56) Ethyl methacrylate	10.760	69	357227	20.485	ug/l	88
57) 1,3-Dichloropropane	11.041	76	376825	20.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	471476	116.521	ug/l	90
59) 2-Hexanone	11.084	43	1397723	103.836	ug/l	97
60) Dibromochloromethane	11.237	129	201489	19.567	ug/l	99
61) 1,2-Dibromoethane	11.344	107	208834	19.488	ug/l	100
64) Tetrachloroethene	10.977	164	181838	19.031	ug/l	95
65) Chlorobenzene	11.768	112	544167	19.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	193195	19.330	ug/l	99
67) Ethyl Benzene	11.843	91	1012997	19.748	ug/l	95
68) m/p-Xylenes	11.953	106	733029	39.258	ug/l	92
69) o-Xylene	12.278	106	368267	19.829	ug/l	92
70) Styrene	12.294	104	591614	20.126	ug/l	97
71) Bromoform	12.457	173	144811	19.523	ug/l #	100
73) Isopropylbenzene	12.578	105	971299	19.909	ug/l	97
74) N-amyl acetate	12.387	43	379174	18.484	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	334327	19.879	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	276507m	19.540	ug/l	
77) Bromobenzene	12.860	156	216556	19.334	ug/l	77
78) n-propylbenzene	12.921	91	1068296	19.763	ug/l	95
79) 2-Chlorotoluene	13.007	91	674317	19.442	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	790413	20.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	88129	20.495	ug/l	97
82) 4-Chlorotoluene	13.104	91	631200	19.428	ug/l	92
83) tert-Butylbenzene	13.323	119	673950	19.577	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	761237	20.221	ug/l	97
85) sec-Butylbenzene	13.501	105	926016	19.813	ug/l	97
86) p-Isopropyltoluene	13.616	119	735082	20.022	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	357467	19.065	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	345963	18.705	ug/l	96
89) n-Butylbenzene	13.943	91	560341	18.298	ug/l	97
90) Hexachloroethane	14.211	117	124620	19.539	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	350663	19.077	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51829	18.339	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	151597	17.503	ug/l	98
94) Hexachlorobutadiene	15.370	225	104016	20.664	ug/l	98
95) Naphthalene	15.507	128	376917	16.977	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	151747	18.840	ug/l	98

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

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