

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068479.D
 Acq On : 15 Sep 2021 13:11
 Operator : JC/MD
 Sample : VN0915MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 7:24:19 PM

Quant Time: Sep 15 16:38:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	541948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	800846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	752284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	376447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	279678	56.259	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.520%			
35) Dibromofluoromethane	8.021	113	257514	53.314	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.620%			
50) Toluene-d8	10.443	98	965315	55.018	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.040%			
62) 4-Bromofluorobenzene	12.734	95	319289	56.871	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	85863	19.405	ug/l	98
3) Chloromethane	2.301	50	82508	18.593	ug/l	99
4) Vinyl Chloride	2.443	62	133011	19.822	ug/l	100
5) Bromomethane	2.851	94	133681	20.489	ug/l	100
6) Chloroethane	3.017	64	97813	19.798	ug/l	98
7) Trichlorofluoromethane	3.371	101	160221	19.037	ug/l	98
8) Diethyl Ether	3.824	74	53897	21.233	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	92814	19.956	ug/l	98
10) Methyl Iodide	4.422	142	126755	19.109	ug/l	100
11) Tert butyl alcohol	5.369	59	78896	107.202	ug/l #	87
12) 1,1-Dichloroethene	4.183	96	82978	19.488	ug/l	98
13) Acrolein	4.044	56	24742	67.024	ug/l	95
14) Allyl chloride	4.843	41	106020	19.603	ug/l	99
15) Acrylonitrile	5.551	53	195518	103.142	ug/l	98
16) Acetone	4.288	43	152966	92.984	ug/l	99
17) Carbon Disulfide	4.535	76	211371	18.488	ug/l	99
18) Methyl Acetate	4.854	43	92564	20.374	ug/l #	66
19) Methyl tert-butyl Ether	5.616	73	294607	20.650	ug/l	100
20) Methylene Chloride	5.101	84	103112	21.443	ug/l	97
21) trans-1,2-Dichloroethene	5.600	96	93551	19.245	ug/l	97
22) Diisopropyl ether	6.498	45	245177	20.936	ug/l	98
23) Vinyl Acetate	6.434	43	933066	106.608	ug/l	99
24) 1,1-Dichloroethane	6.391	63	157680	19.871	ug/l	99
25) 2-Butanone	7.337	43	244554	101.234	ug/l	98
26) 2,2-Dichloropropane	7.327	77	142035	19.388	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	112265	19.663	ug/l	98
28) Bromochloromethane	7.657	49	58977	19.100	ug/l	96
29) Tetrahydrofuran	7.686	42	165968	105.240	ug/l	99
30) Chloroform	7.820	83	189295	20.165	ug/l	100
31) Cyclohexane	8.096	56	144224	19.144	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	176873	20.309	ug/l	99
36) 1,1-Dichloropropene	8.223	75	128275	19.212	ug/l	98
37) Ethyl Acetate	7.413	43	103749	20.428	ug/l	97
38) Carbon Tetrachloride	8.206	117	162329	20.294	ug/l	95
39) Methylcyclohexane	9.462	83	167010	19.771	ug/l	99
40) Benzene	8.461	78	403653	20.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	52440	20.982	ug/l	98
42) 1,2-Dichloroethane	8.531	62	141928	20.727	ug/l	100
43) Isopropyl Acetate	8.560	43	181981	20.309	ug/l	100
44) Trichloroethene	9.217	130	126261	20.178	ug/l	98
45) 1,2-Dichloropropane	9.491	63	96990	20.556	ug/l	99
46) Dibromomethane	9.580	93	80171	21.109	ug/l	96
47) Bromodichloromethane	9.762	83	149070	20.685	ug/l	98
48) Methyl methacrylate	9.561	41	75157	20.086	ug/l #	88
49) 1,4-Dioxane	9.569	88	38500	448.530	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	549039	107.336	ug/l	99
52) Toluene	10.508	92	284565	21.701	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	149739	21.687	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	160879	21.264	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	113907	21.889	ug/l	98
56) Ethyl methacrylate	10.762	69	143060	22.135	ug/l	97
57) 1,3-Dichloropropane	11.047	76	172029	21.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	82638	152.858	ug/l	99
59) 2-Hexanone	11.087	43	373827	109.126	ug/l	98
60) Dibromochloromethane	11.240	129	135884	22.187	ug/l	99
61) 1,2-Dibromoethane	11.347	107	121648	22.048	ug/l	99
64) Tetrachloroethene	10.980	164	134966	20.242	ug/l	98
65) Chlorobenzene	11.773	112	317872	20.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	128689	21.179	ug/l	99
67) Ethyl Benzene	11.846	91	525521	20.777	ug/l	100
68) m/p-Xylenes	11.956	106	443398	43.535	ug/l	99
69) o-Xylene	12.283	106	216098	21.776	ug/l	100
70) Styrene	12.296	104	335093	22.279	ug/l	99
71) Bromoform	12.460	173	104826	22.503	ug/l #	100
73) Isopropylbenzene	12.581	105	539424	20.144	ug/l	99
74) N-amyl acetate	12.390	43	126782	21.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	150380	20.032	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	119778m	20.157	ug/l	
77) Bromobenzene	12.862	156	150330	20.296	ug/l	95
78) n-propylbenzene	12.921	91	579322	20.488	ug/l	100
79) 2-Chlorotoluene	13.010	91	353638	20.287	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	458497	21.077	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	38439	22.630	ug/l	98
82) 4-Chlorotoluene	13.106	91	343248	20.419	ug/l	100
83) tert-Butylbenzene	13.326	119	417010	20.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	443787	21.271	ug/l	99
85) sec-Butylbenzene	13.503	105	538771	20.572	ug/l	99
86) p-Isopropyltoluene	13.619	119	461526	20.878	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	263973	20.541	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	259654	20.499	ug/l	98
89) n-Butylbenzene	13.946	91	319338	19.831	ug/l	98
90) Hexachloroethane	14.211	117	83630	21.553	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	251845	20.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23443	19.674	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	107428	18.976	ug/l	98
94) Hexachlorobutadiene	15.373	225	73747	20.157	ug/l	99
95) Naphthalene	15.509	128	213128	16.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	100369	18.570	ug/l	99

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

