

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068239.D
 Acq On : 20 Aug 2021 12:43
 Operator : JC/MD
 Sample : VN0820MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820MBS01

Quant Time: Aug 20 15:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	516333	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	782008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	743845	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	366786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	293904	53.311	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.620%	
35) Dibromofluoromethane	8.024	113	260225	53.003	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.000%	
50) Toluene-d8	10.443	98	996027	53.242	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.480%	
62) 4-Bromofluorobenzene	12.733	95	332973	53.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	76672	18.740	ug/l	98
3) Chloromethane	2.301	50	83036	17.964	ug/l	99
4) Vinyl Chloride	2.443	62	129803	17.922	ug/l	98
5) Bromomethane	2.850	94	126645	20.324	ug/l	98
6) Chloroethane	3.017	64	97914	19.911	ug/l	100
7) Trichlorofluoromethane	3.371	101	260504	18.296	ug/l	100
8) Diethyl Ether	3.821	74	84376	25.547	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.202	101	84942	19.511	ug/l #	84
10) Methyl Iodide	4.417	142	113078	18.267	ug/l	88
11) Tert butyl alcohol	5.385	59	68299	99.342	ug/l	99
12) 1,1-Dichloroethene	4.173	96	75395	18.012	ug/l #	75
13) Acrolein	4.038	56	61870	132.204	ug/l	97
14) Allyl chloride	4.835	41	99585	18.612	ug/l #	92
15) Acrylonitrile	5.556	53	192723	99.497	ug/l	100
16) Acetone	4.293	43	156670	97.333	ug/l #	89
17) Carbon Disulfide	4.521	76	189282	17.492	ug/l	97
18) Methyl Acetate	4.859	43	92819	20.701	ug/l #	86
19) Methyl tert-butyl Ether	5.621	73	266134	19.721	ug/l	97
20) Methylene Chloride	5.095	84	95013	20.063	ug/l #	79
21) trans-1,2-Dichloroethene	5.599	96	84652	18.064	ug/l #	77
22) Diisopropyl ether	6.500	45	225871	19.325	ug/l #	94
23) Vinyl Acetate	6.436	43	879826	96.704	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	143926	18.430	ug/l	97
25) 2-Butanone	7.343	43	243032	96.883	ug/l #	88
26) 2,2-Dichloropropane	7.327	77	129969	19.424	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	102572	18.280	ug/l	76
28) Bromochloromethane	7.659	49	70942	20.659	ug/l #	47
29) Tetrahydrofuran	7.689	42	158488	98.791	ug/l #	81
30) Chloroform	7.820	83	172100	18.500	ug/l	97
31) Cyclohexane	8.094	56	129896	17.888	ug/l #	79
32) 1,1,1-Trichloroethane	8.016	97	157002	18.924	ug/l	93
36) 1,1-Dichloropropene	8.217	75	116709	18.257	ug/l	89
37) Ethyl Acetate	7.418	43	103555	19.015	ug/l #	94
38) Carbon Tetrachloride	8.206	117	138553	18.792	ug/l	98
39) Methylcyclohexane	9.461	83	145242	20.117	ug/l	87
40) Benzene	8.461	78	375240	19.232	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	48535	19.520	ug/l #	82
42) 1,2-Dichloroethane	8.531	62	129976	19.557	ug/l	92
43) Isopropyl Acetate	8.563	43	168848	19.355	ug/l #	90
44) Trichloroethene	9.217	130	110654	18.859	ug/l	78
45) 1,2-Dichloropropane	9.491	63	90513	19.722	ug/l	99
46) Dibromomethane	9.579	93	73228	19.560	ug/l #	78
47) Bromodichloromethane	9.764	83	135683	19.503	ug/l #	97
48) Methyl methacrylate	9.563	41	72396	19.914	ug/l #	81
49) 1,4-Dioxane	9.577	88	34732	395.268	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	536051	100.033	ug/l	90
52) Toluene	10.507	92	255384	19.200	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	135083	19.769	ug/l	95
54) cis-1,3-Dichloropropene	10.191	75	147590	19.935	ug/l #	84
55) 1,1,2-Trichloroethane	10.899	97	104658	19.689	ug/l	94
56) Ethyl methacrylate	10.762	69	135172	19.802	ug/l #	81
57) 1,3-Dichloropropane	11.046	76	161028	19.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	105190	85.236	ug/l #	84
59) 2-Hexanone	11.087	43	380137	102.163	ug/l	89
60) Dibromochloromethane	11.240	129	117775	19.640	ug/l	99
61) 1,2-Dibromoethane	11.347	107	107890	19.571	ug/l	96
64) Tetrachloroethene	10.979	164	109431	19.026	ug/l	90
65) Chlorobenzene	11.773	112	292164	19.183	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	115172	20.047	ug/l	99
67) Ethyl Benzene	11.846	91	476748	18.977	ug/l	93
68) m/p-Xylenes	11.956	106	392850	39.091	ug/l	80
69) o-Xylene	12.283	106	188526	19.416	ug/l	82
70) Styrene	12.296	104	306854	19.743	ug/l #	90
71) Bromoform	12.460	173	90966	19.744	ug/l #	99
73) Isopropylbenzene	12.581	105	485472	18.610	ug/l	94
74) N-amyl acetate	12.390	43	125567	18.486	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	145953	18.656	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	164910	27.051	ug/l #	100
77) Bromobenzene	12.865	156	136105	18.938	ug/l	55
78) n-propylbenzene	12.924	91	529239	18.913	ug/l	91
79) 2-Chlorotoluene	13.010	91	319610	18.469	ug/l	82
80) 1,3,5-Trimethylbenzene	13.063	105	404575	19.171	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	34534	18.558	ug/l	91
82) 4-Chlorotoluene	13.109	91	312281	18.591	ug/l	85
83) tert-Butylbenzene	13.326	119	354883	18.938	ug/l	85
84) 1,2,4-Trimethylbenzene	13.372	105	403975	19.610	ug/l	89
85) sec-Butylbenzene	13.503	105	481430	19.511	ug/l	92
86) p-Isopropyltoluene	13.618	119	410902	20.175	ug/l	91
87) 1,3-Dichlorobenzene	13.618	146	233107	19.022	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	234146	18.860	ug/l	93
89) n-Butylbenzene	13.946	91	289818	19.075	ug/l	96
90) Hexachloroethane	14.214	117	72758	19.253	ug/l	76
91) 1,2-Dichlorobenzene	13.991	146	231460	19.838	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	22222	18.753	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.265	180	100830	18.279	ug/l	96
94) Hexachlorobutadiene	15.372	225	61424	19.439	ug/l	98
95) Naphthalene	15.509	128	226066	17.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	97431	18.654	ug/l	97

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

