

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
 Data File : VN068349.D
 Acq On : 27 Aug 2021 17:10
 Operator : JC/MD
 Sample : VN0827MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 9:41:44 AM

Quant Time: Aug 28 01:28:59 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	8.088	168	536439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	846993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	816864	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	441153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	306282	53.474	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.940%			
35) Dibromofluoromethane	8.024	113	278934	52.454	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.900%			
50) Toluene-d8	10.443	98	1058154	52.223	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.733	95	372386	55.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	78409	18.447	ug/l	99
3) Chloromethane	2.303	50	87617	18.245	ug/l	100
4) Vinyl Chloride	2.443	62	143443	19.063	ug/l	96
5) Bromomethane	2.864	94	135636	21.053	ug/l	97
6) Chloroethane	3.022	64	104482	20.575	ug/l	100
7) Trichlorofluoromethane	3.373	101	296216	20.024	ug/l	99
8) Diethyl Ether	3.821	74	100759	29.364	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.199	101	94001	20.783	ug/l #	85
10) Methyl Iodide	4.414	142	94445	14.685	ug/l	88
11) Tert butyl alcohol	5.390	59	75202	105.283	ug/l #	89
12) 1,1-Dichloroethene	4.175	96	83957	19.306	ug/l #	73
13) Acrolein	4.036	56	13993	20.945	ug/l	95
14) Allyl chloride	4.838	41	111781	20.109	ug/l #	94
15) Acrylonitrile	5.559	53	208093	103.405	ug/l	98
16) Acetone	4.291	43	180006	107.639	ug/l #	87
17) Carbon Disulfide	4.524	76	202818	18.041	ug/l	99
18) Methyl Acetate	4.865	43	98780	21.289	ug/l #	87
19) Methyl tert-butyl Ether	5.621	73	297000	21.183	ug/l	98
20) Methylene Chloride	5.095	84	116145	23.999	ug/l #	80
21) trans-1,2-Dichloroethene	5.591	96	97766	20.080	ug/l #	78
22) Diisopropyl ether	6.501	45	254966	20.996	ug/l #	94
23) Vinyl Acetate	6.439	43	956089m	101.148	ug/l	
24) 1,1-Dichloroethane	6.388	63	164335	20.255	ug/l	95
25) 2-Butanone	7.343	43	269706	103.487	ug/l #	85
26) 2,2-Dichloropropane	7.327	77	153884	22.136	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	117500	20.156	ug/l	75
28) Bromochloromethane	7.656	49	73395	20.572	ug/l #	41
29) Tetrahydrofuran	7.691	42	170564	102.334	ug/l #	79
30) Chloroform	7.820	83	196884	20.371	ug/l	96
31) Cyclohexane	8.094	56	146333	19.397	ug/l #	78
32) 1,1,1-Trichloroethane	8.016	97	183640	21.306	ug/l	95
36) 1,1-Dichloropropene	8.222	75	134138	19.373	ug/l	90
37) Ethyl Acetate	7.420	43	107364	18.202	ug/l #	93
38) Carbon Tetrachloride	8.209	117	163080	20.421	ug/l	96
39) Methylcyclohexane	9.461	83	165551	21.171	ug/l	87
40) Benzene	8.464	78	422281	19.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	53263	19.778	ug/l #	84
42) 1,2-Dichloroethane	8.533	62	146439	20.343	ug/l	93
43) Isopropyl Acetate	8.566	43	192650	20.389	ug/l #	90
44) Trichloroethene	9.220	130	125717	19.782	ug/l	77
45) 1,2-Dichloropropane	9.494	63	101064	20.332	ug/l	99
46) Dibromomethane	9.579	93	81409	20.077	ug/l #	78
47) Bromodichloromethane	9.764	83	157304	20.876	ug/l #	97
48) Methyl methacrylate	9.563	41	80049	20.330	ug/l #	82
49) 1,4-Dioxane	9.571	88	38088	400.204	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	589309	101.534	ug/l	90
52) Toluene	10.507	92	294512	20.443	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	155664	21.033	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	170140	21.218	ug/l #	81
55) 1,1,2-Trichloroethane	10.902	97	117663	20.438	ug/l	94
56) Ethyl methacrylate	10.765	69	149043	20.159	ug/l #	81
57) 1,3-Dichloropropane	11.046	76	178186	20.095	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	128116	93.531	ug/l #	82
59) 2-Hexanone	11.089	43	419204	104.018	ug/l	89
60) Dibromochloromethane	11.240	129	136229	20.974	ug/l	100
61) 1,2-Dibromoethane	11.350	107	123880	20.748	ug/l	99
64) Tetrachloroethene	10.979	164	118180	18.710	ug/l	88
65) Chlorobenzene	11.773	112	327003	19.552	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	134575	21.331	ug/l	99
67) Ethyl Benzene	11.848	91	557557	20.210	ug/l	94
68) m/p-Xylenes	11.956	106	460374	41.715	ug/l	77
69) o-Xylene	12.283	106	215495	20.209	ug/l	81
70) Styrene	12.296	104	356703	20.899	ug/l #	90
71) Bromoform	12.460	173	106197	20.989	ug/l #	99
73) Isopropylbenzene	12.581	105	565886	18.036	ug/l	94
74) N-amyl acetate	12.393	43	140391	17.184	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	168533	17.911	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	136532m	18.620	ug/l	
77) Bromobenzene	12.862	156	156846	18.145	ug/l	55
78) n-propylbenzene	12.924	91	634011	18.838	ug/l	90
79) 2-Chlorotoluene	13.010	91	374809	18.007	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	482628	19.015	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.626	75	40843	18.249	ug/l	90
82) 4-Chlorotoluene	13.109	91	372922	18.459	ug/l	84
83) tert-Butylbenzene	13.326	119	432447	19.187	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	475892	19.206	ug/l	91
85) sec-Butylbenzene	13.503	105	592129	19.952	ug/l	92
86) p-Isopropyltoluene	13.618	119	499884	20.406	ug/l	91
87) 1,3-Dichlorobenzene	13.618	146	283890	19.261	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	280881	18.811	ug/l	92
89) n-Butylbenzene	13.946	91	376428	20.599	ug/l	94
90) Hexachloroethane	14.211	117	89843	19.767	ug/l	70
91) 1,2-Dichlorobenzene	13.991	146	267800	19.083	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26532	18.616	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.265	180	129415	19.326	ug/l	96
94) Hexachlorobutadiene	15.372	225	77284	20.335	ug/l	99
95) Naphthalene	15.509	128	282519	18.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	125511	19.778	ug/l	96

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

