

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068275.D
 Acq On : 23 Aug 2021 17:47
 Operator : JC/MD
 Sample : VN0823MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823MBS01

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:23:09 AM

Quant Time: Aug 24 03:55:22 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	579688	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	901854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	868505	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	409874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	315577	50.986	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.980%			
35) Dibromofluoromethane	8.021	113	283618	50.091	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.180%			
50) Toluene-d8	10.443	98	1110653	51.480	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.734	95	365081	50.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	85390	18.590	ug/l	99
3) Chloromethane	2.303	50	98496	18.980	ug/l	100
4) Vinyl Chloride	2.443	62	157398	19.357	ug/l	97
5) Bromomethane	2.850	94	144873	20.771	ug/l	98
6) Chloroethane	3.017	64	114378	20.904	ug/l	97
7) Trichlorofluoromethane	3.373	101	309128	19.338	ug/l	100
8) Diethyl Ether	3.819	74	92722	25.006	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.200	101	98127	20.077	ug/l #	83
10) Methyl Iodide	4.414	142	133627	19.227	ug/l #	87
11) Tert butyl alcohol	5.393	59	79113	102.495	ug/l	98
12) 1,1-Dichloroethene	4.170	96	88736	18.882	ug/l #	75
13) Acrolein	4.039	56	31744	54.979	ug/l	97
14) Allyl chloride	4.838	41	113914	18.964	ug/l #	93
15) Acrylonitrile	5.559	53	225234	103.572	ug/l	99
16) Acetone	4.288	43	180474	99.867	ug/l #	86
17) Carbon Disulfide	4.521	76	219508	18.069	ug/l	98
18) Methyl Acetate	4.859	43	110903	22.254	ug/l #	86
19) Methyl tert-butyl Ether	5.621	73	304225	20.080	ug/l	96
20) Methylene Chloride	5.093	84	121782	23.220	ug/l #	80
21) trans-1,2-Dichloroethene	5.594	96	100629	19.126	ug/l #	80
22) Diisopropyl ether	6.501	45	265479	20.231	ug/l #	93
23) Vinyl Acetate	6.436	43	1039283	101.746	ug/l #	90
24) 1,1-Dichloroethane	6.388	63	169309	19.311	ug/l	96
25) 2-Butanone	7.340	43	289983	102.966	ug/l #	87
26) 2,2-Dichloropropane	7.327	77	150587	20.045	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	120380	19.109	ug/l	76
28) Bromochloromethane	7.659	49	76582	19.864	ug/l #	43
29) Tetrahydrofuran	7.689	42	186951	103.797	ug/l #	78
30) Chloroform	7.820	83	204201	19.551	ug/l	97
31) Cyclohexane	8.094	56	149433	18.330	ug/l #	77
32) 1,1,1-Trichloroethane	8.013	97	186959	20.072	ug/l	93
36) 1,1-Dichloropropene	8.222	75	137836	18.696	ug/l	91
37) Ethyl Acetate	7.418	43	120272	19.150	ug/l	98
38) Carbon Tetrachloride	8.206	117	166635	19.597	ug/l	95
39) Methylcyclohexane	9.462	83	171168	20.558	ug/l	86
40) Benzene	8.461	78	439624	19.537	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	58406	20.368	ug/l #	84
42) 1,2-Dichloroethane	8.534	62	152105	19.845	ug/l	92
43) Isopropyl Acetate	8.566	43	210671	20.940	ug/l #	92
44) Trichloroethene	9.217	130	129454	19.131	ug/l	77
45) 1,2-Dichloropropane	9.491	63	107241	20.262	ug/l	97
46) Dibromomethane	9.580	93	84922	19.669	ug/l #	78
47) Bromodichloromethane	9.762	83	159946	19.936	ug/l #	98
48) Methyl methacrylate	9.563	41	89030	21.236	ug/l #	84
49) 1,4-Dioxane	9.572	88	39751	392.270	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	647519	104.777	ug/l	89
52) Toluene	10.508	92	308190	20.091	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	163197	20.709	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	169264	19.825	ug/l #	85
55) 1,1,2-Trichloroethane	10.899	97	125066	20.402	ug/l	93
56) Ethyl methacrylate	10.765	69	158623	20.150	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	190593	20.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	130887	90.496	ug/l #	84
59) 2-Hexanone	11.087	43	460123	107.226	ug/l	89
60) Dibromochloromethane	11.240	129	142829	20.653	ug/l	100
61) 1,2-Dibromoethane	11.347	107	132222	20.798	ug/l	99
64) Tetrachloroethene	10.980	164	123803	18.435	ug/l	88
65) Chlorobenzene	11.773	112	347219	19.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	138950	20.715	ug/l	98
67) Ethyl Benzene	11.846	91	576953	19.670	ug/l	95
68) m/p-Xylenes	11.956	106	470893	40.132	ug/l	79
69) o-Xylene	12.283	106	226931	20.016	ug/l	79
70) Styrene	12.296	104	362614	19.982	ug/l #	90
71) Bromoform	12.460	173	110826	20.602	ug/l #	100
73) Isopropylbenzene	12.581	105	575663	19.748	ug/l	94
74) N-amyl acetate	12.390	43	144503	19.037	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	175149	20.034	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	126104m	18.511	ug/l	
77) Bromobenzene	12.862	156	156449	19.481	ug/l	56
78) n-propylbenzene	12.924	91	619991	19.827	ug/l	90
79) 2-Chlorotoluene	13.010	91	375301	19.407	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	487530	20.674	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.626	75	42086	20.239	ug/l	88
82) 4-Chlorotoluene	13.109	91	367016	19.553	ug/l	86
83) tert-Butylbenzene	13.326	119	429924	20.530	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	472601	20.529	ug/l	88
85) sec-Butylbenzene	13.503	105	570051	20.674	ug/l	93
86) p-Isopropyltoluene	13.619	119	475523	20.893	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	270987	19.789	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	267245	19.263	ug/l	93
89) n-Butylbenzene	13.946	91	335012	19.732	ug/l	95
90) Hexachloroethane	14.211	117	88929	21.059	ug/l	72
91) 1,2-Dichlorobenzene	13.991	146	261719	20.073	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.603	75	26660	20.133	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.265	180	108028	17.636	ug/l	96
94) Hexachlorobutadiene	15.373	225	71572	20.269	ug/l	99
95) Naphthalene	15.509	128	233359	16.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	103599	17.887	ug/l	97

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

