

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066804.D
 Acq On : 28 Apr 2021 12:02
 Operator : JC/MD
 Sample : VN0428MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:52:10 PM

Quant Time: Apr 28 14:58:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	302552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	469698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	426206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	201978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	169734	43.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.32%		
35) Dibromofluoromethane	7.513	113	147573	50.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.80%		
50) Toluene-d8	10.029	98	562532	49.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.86%		
62) 4-Bromofluorobenzene	12.346	95	190365	49.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	57832	17.64	ug/l	100
3) Chloromethane	2.037	50	79173	18.40	ug/l	99
4) Vinyl Chloride	2.163	62	77050	18.33	ug/l	98
5) Bromomethane	2.519	94	50163	18.29	ug/l	99
6) Chloroethane	2.662	64	46665	17.83	ug/l	99
7) Trichlorofluoromethane	2.973	101	88221	17.45	ug/l	99
8) Diethyl Ether	3.356	74	36899	17.99	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.694	101	54657	18.28	ug/l	97
10) Methyl Iodide	3.887	142	81982	17.95	ug/l	97
11) Tert butyl alcohol	4.700	59	49046	81.82	ug/l	99
12) 1,1-Dichloroethene	3.673	96	53704	17.73	ug/l	96
13) Acrolein	3.547	56	41847	83.58	ug/l	99
14) Allyl chloride	4.249	41	95544	16.80	ug/l	92
15) Acrylonitrile	4.896	53	144545	90.94	ug/l	99
16) Acetone	3.753	43	109007	74.33	ug/l	97
17) Carbon Disulfide	3.986	76	162864	17.53	ug/l	98
18) Methyl Acetate	4.255	43	67724	17.85	ug/l	98
19) Methyl tert-butyl Ether	4.955	73	181154	17.47	ug/l	97
20) Methylene Chloride	4.472	84	67344	18.12	ug/l	96
21) trans-1,2-Dichloroethene	4.955	96	59726	18.34	ug/l	97
22) Diisopropyl ether	5.864	45	198333	17.48	ug/l	95
23) Vinyl Acetate	5.805	43	799240	84.65	ug/l	100
24) 1,1-Dichloroethane	5.759	63	112042	17.82	ug/l	98
25) 2-Butanone	6.749	43	171230	83.05	ug/l	100
26) 2,2-Dichloropropane	6.733	77	92182	17.27	ug/l	100
27) cis-1,2-Dichloroethene	6.741	96	69365	18.41	ug/l	98
28) Bromochloromethane	7.114	49	51934	18.01	ug/l	96
29) Tetrahydrofuran	7.127	42	122934	87.26	ug/l	97
30) Chloroform	7.291	83	110944	18.18	ug/l	99
31) Cyclohexane	7.578	56	100506	16.72	ug/l	98
32) 1,1,1-Trichloroethane	7.492	97	90455	17.35	ug/l	99
36) 1,1-Dichloropropene	7.717	75	78666	18.03	ug/l	99
37) Ethyl Acetate	6.843	43	75663	16.32	ug/l	98
38) Carbon Tetrachloride	7.701	117	77154	18.43	ug/l	97
39) Methylcyclohexane	9.015	83	97092	18.80	ug/l	95
40) Benzene	7.969	78	262431	19.37	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	31418	14.90	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	80726	17.64	ug/l	98
43) Isopropyl Acetate	8.095	43	127937	17.37	ug/l #	92
44) Trichloroethene	8.768	130	65831	19.98	ug/l	100
45) 1,2-Dichloropropane	9.053	63	70835	19.59	ug/l	97
46) Dibromomethane	9.144	93	42965	19.45	ug/l	96
47) Bromodichloromethane	9.340	83	87848	18.98	ug/l	99
48) Methyl methacrylate	9.136	41	55557	17.29	ug/l	97
49) 1,4-Dioxane	9.136	88	18680	388.59	ug/l	93
51) 4-Methyl-2-Pentanone	9.922	43	368787	92.13	ug/l	100
52) Toluene	10.093	92	158840	19.49	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	94151	19.01	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	107137	19.31	ug/l	97
55) 1,1,2-Trichloroethane	10.501	97	63908	20.42	ug/l	98
56) Ethyl methacrylate	10.372	69	79300	17.52	ug/l	98
57) 1,3-Dichloropropane	10.646	76	104597	19.53	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.632	63	75680	88.18	ug/l	97
59) 2-Hexanone	10.694	43	216125	82.79	ug/l	98
60) Dibromochloromethane	10.842	129	69409	20.36	ug/l	99
61) 1,2-Dibromoethane	10.946	107	63355	20.17	ug/l	100
64) Tetrachloroethene	10.571	164	58826	20.87	ug/l	98
65) Chlorobenzene	11.375	112	167528	19.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.450	131	64033	20.03	ug/l	98
67) Ethyl Benzene	11.453	91	284515	18.92	ug/l	100
68) m/p-Xylenes	11.566	106	221179	40.10	ug/l	99
69) o-Xylene	11.890	106	106507	19.34	ug/l	98
70) Styrene	11.909	104	164626	18.53	ug/l	99
71) Bromoform	12.073	173	47155	20.37	ug/l #	98
73) Isopropylbenzene	12.193	105	275742	18.62	ug/l	100
74) N-amyl acetate	12.038	43	23094m	6.60	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.448	83	90650	18.61	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	75848m	17.82	ug/l	
77) Bromobenzene	12.470	156	71701	19.63	ug/l	98
78) n-propylbenzene	12.537	91	307550	18.84	ug/l	100
79) 2-Chlorotoluene	12.617	91	191313	18.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	231861	18.55	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.250	75	20033	18.43	ug/l	92
82) 4-Chlorotoluene	12.719	91	186116	18.57	ug/l	99
83) tert-Butylbenzene	12.936	119	197352	18.43	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	219355	18.63	ug/l	98
85) sec-Butylbenzene	13.116	105	253459	18.25	ug/l	99
86) p-Isopropyltoluene	13.234	119	221041	18.54	ug/l	98
87) 1,3-Dichlorobenzene	13.229	146	121083	19.50	ug/l	100
88) 1,4-Dichlorobenzene	13.309	146	124679	18.89	ug/l	99
89) n-Butylbenzene	13.561	91	177377	17.46	ug/l	100
90) Hexachloroethane	13.816	117	45032	18.05	ug/l	88
91) 1,2-Dichlorobenzene	13.599	146	122689	19.49	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	14659	16.78	ug/l	94
93) 1,2,4-Trichlorobenzene	14.854	180	71958	20.64	ug/l	97
94) Hexachlorobutadiene	14.948	225	39623	20.49	ug/l	98
95) Naphthalene	15.074	128	173802	19.38	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	69339	20.57	ug/l	98

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

