

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065811.D
 Acq On : 11 Feb 2021 13:24
 Operator : JC/MD
 Sample : VN0211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211MBS01

Manual Integrations
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MMDadoda
 2/12/2021 1:35:23 PM

Quant Time: Feb 11 13:42:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	125685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	209716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	192173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	85066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	68757	41.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 83.16%			
35) Dibromofluoromethane	7.544	113	62851	50.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.14%			
50) Toluene-d8	10.055	98	236456	48.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.80%			
62) 4-Bromofluorobenzene	12.370	95	88511	50.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	33070	23.49	ug/l	99
3) Chloromethane	2.039	50	44548	21.53	ug/l	100
4) Vinyl Chloride	2.168	62	45480	21.71	ug/l	99
5) Bromomethane	2.528	94	28566	23.56	ug/l	100
6) Chloroethane	2.672	64	25706	21.21	ug/l	97
7) Trichlorofluoromethane	2.988	101	50709	23.15	ug/l	100
8) Diethyl Ether	3.373	74	21092	20.20	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.711	101	31113	23.41	ug/l	97
10) Methyl Iodide	3.901	142	42202	21.66	ug/l	97
11) Tert butyl alcohol	4.762	59	25035	80.83	ug/l #	90
12) 1,1-Dichloroethene	3.692	96	31416	20.53	ug/l	98
13) Acrolein	3.566	56	22867	97.34	ug/l	99
14) Allyl chloride	4.271	41	49689	17.52	ug/l	92
15) Acrylonitrile	4.933	53	73246	90.78	ug/l	98
16) Acetone	3.775	43	59501	92.44	ug/l	95
17) Carbon Disulfide	3.997	76	89312	18.54	ug/l	99
18) Methyl Acetate	4.283	43	31745	17.60	ug/l	99
19) Methyl tert-butyl Ether	4.997	73	94554	18.51	ug/l	98
20) Methylene Chloride	4.496	84	36156	20.28	ug/l	97
21) trans-1,2-Dichloroethene	4.981	96	32969	20.28	ug/l	99
22) Diisopropyl ether	5.904	45	102925	17.75	ug/l	98
23) Vinyl Acetate	5.843	43	390975	84.42	ug/l	100
24) 1,1-Dichloroethane	5.791	63	60677	19.63	ug/l	100
25) 2-Butanone	6.795	43	87861	87.05	ug/l	98
26) 2,2-Dichloropropane	6.772	77	45810	18.52	ug/l	98
27) cis-1,2-Dichloroethene	6.775	96	38111	20.45	ug/l	98
28) Bromochloromethane	7.142	49	22751	17.52	ug/l	94
29) Tetrahydrofuran	7.171	42	60029	82.00	ug/l #	64
30) Chloroform	7.325	83	58306	20.48	ug/l	95
31) Cyclohexane	7.605	56	56346	18.12	ug/l	95
32) 1,1,1-Trichloroethane	7.521	97	47750	20.61	ug/l	99
36) 1,1-Dichloropropene	7.746	75	46585	22.07	ug/l	99
37) Ethyl Acetate	6.885	43	39109	19.32	ug/l	98
38) Carbon Tetrachloride	7.727	117	39110	22.51	ug/l	99
39) Methylcyclohexane	9.039	83	55079	21.39	ug/l	96
40) Benzene	7.997	78	142319	22.08	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.119	41	16836	15.49	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	43347	22.31	ug/l	99
43) Isopropyl Acetate	8.126	43	62660	17.45	ug/l	94
44) Trichloroethene	8.798	130	37270	23.83	ug/l	98
45) 1,2-Dichloropropane	9.081	63	38051	21.46	ug/l	99
46) Dibromomethane	9.171	93	22200	22.66	ug/l	97
47) Bromodichloromethane	9.367	83	43842	20.86	ug/l	99
48) Methyl methacrylate	9.164	41	31448	18.47	ug/l	96
49) 1,4-Dioxane	9.164	88	11770	427.08	ug/l	93
51) 4-Methyl-2-Pentanone	9.952	43	188699	95.34	ug/l	97
52) Toluene	10.119	92	90361	23.67	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	48753	19.92	ug/l	100
54) cis-1,3-Dichloropropene	9.804	75	56829	20.85	ug/l	94
55) 1,1,2-Trichloroethane	10.531	97	33814	23.22	ug/l	98
56) Ethyl methacrylate	10.399	69	48242	20.04	ug/l	96
57) 1,3-Dichloropropane	10.672	76	58995	23.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	84257	75.76	ug/l	98
59) 2-Hexanone	10.720	43	133012	96.80	ug/l	97
60) Dibromochloromethane	10.868	129	32860	22.08	ug/l	99
61) 1,2-Dibromoethane	10.974	107	34365	23.68	ug/l	99
64) Tetrachloroethene	10.598	164	37301	23.16	ug/l	96
65) Chlorobenzene	11.402	112	96070	23.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	32350	22.76	ug/l	99
67) Ethyl Benzene	11.479	91	166753	22.08	ug/l	100
68) m/p-Xylenes	11.589	106	129749	47.45	ug/l	97
69) o-Xylene	11.916	106	61540	23.23	ug/l	98
70) Styrene	11.933	104	102152	23.42	ug/l	98
71) Bromoform	12.097	173	21000	21.38	ug/l #	99
73) Isopropylbenzene	12.219	105	162486	21.82	ug/l	100
74) N-amyl acetate	12.042	43	52834	16.77	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	45351	20.62	ug/l	99
76) 1,2,3-Trichloropropane	12.521	75	43436m	19.53	ug/l	
77) Bromobenzene	12.495	156	38366	23.79	ug/l	91
78) n-propylbenzene	12.560	91	179726	20.48	ug/l	100
79) 2-Chlorotoluene	12.643	91	107565	20.63	ug/l	99
80) 1,3,5-Trimethylbenzene	12.701	105	136536	21.53	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.270	75	13647	15.71	ug/l	98
82) 4-Chlorotoluene	12.743	91	109715	20.62	ug/l	99
83) tert-Butylbenzene	12.965	119	113066	21.38	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	137046	21.67	ug/l	99
85) sec-Butylbenzene	13.142	105	149945	21.00	ug/l	99
86) p-Isopropyltoluene	13.257	119	134551	21.34	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	66637	23.18	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	65881	22.58	ug/l	98
89) n-Butylbenzene	13.585	91	111993	19.78	ug/l	99
90) Hexachloroethane	13.842	117	20503	18.59	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	66039	23.15	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7291	16.70	ug/l	97
93) 1,2,4-Trichlorobenzene	14.878	180	31053	20.12	ug/l	99
94) Hexachlorobutadiene	14.977	225	15671	22.34	ug/l	99
95) Naphthalene	15.100	128	88055	18.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	30874	19.95	ug/l	100

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

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