

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121019\
 Data File : VN059537.D
 Acq On : 10 Dec 2019 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 06:15:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	50.000	44.232	11.5	111	0.00
3 P	Chloromethane	50.000	46.723	6.6	117	0.00
4 C	Vinyl Chloride	50.000	46.489	7.0#	114	0.00
5 T	Bromomethane	50.000	46.203	7.6	117	0.00
6 T	Chloroethane	50.000	46.257	7.5	117	0.00
7 T	Trichlorofluoromethane	50.000	46.331	7.3	115	0.00
8 T	Diethyl Ether	50.000	43.040	13.9	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.129	11.7	114	0.00
10 T	Methyl Iodide	50.000	45.453	9.1	118	0.00
11 T	Tert butyl alcohol	250.000	240.828	3.7	126	0.00
12 CM	1,1-Dichloroethene	50.000	43.764	12.5#	117	0.00
13 T	Acrolein	250.000	361.184	-44.5#	263	0.00
14 T	Allyl chloride	50.000	42.399	15.2	106	0.00
15 T	Acrylonitrile	250.000	237.248	5.1	115	0.00
16 T	Acetone	250.000	219.201	12.3	121	0.00
17 T	Carbon Disulfide	50.000	45.624	8.8	114	0.00
18 T	Methyl Acetate	50.000	44.166	11.7	115	0.00
19 T	Methyl tert-butyl Ether	50.000	48.877	2.2	118	0.00
20 T	Methylene Chloride	50.000	46.185	7.6	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.209	5.6	119	0.00
22 T	Diisopropyl ether	50.000	48.683	2.6	118	0.00
23 T	Vinyl Acetate	250.000	250.662	-0.3	116	0.00
24 P	1,1-Dichloroethane	50.000	47.642	4.7	118	0.00
25 T	2-Butanone	250.000	245.295	1.9	118	0.00
26 T	2,2-Dichloropropane	50.000	47.436	5.1	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.403	5.2	117	0.00
28 T	Bromochloromethane	50.000	55.086	-10.2	138	0.00
29 T	Tetrahydrofuran	250.000	225.029	10.0	113	0.00
30 C	Chloroform	50.000	47.916	4.2#	118	0.00
31 T	Cyclohexane	50.000	44.883	10.2	117	0.00
32 T	1,1,1-Trichloroethane	50.000	47.080	5.8	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.292	1.4	120	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	51.950	-3.9	120	0.00
36 T	1,1-Dichloropropene	50.000	48.157	3.7	117	0.00
37 T	Ethyl Acetate	50.000	45.496	9.0	114	0.00
38 T	Carbon Tetrachloride	50.000	49.002	2.0	116	0.00
39 T	Methylcyclohexane	50.000	50.569	-1.1	117	0.00
40 TM	Benzene	50.000	48.660	2.7	116	0.00
41 T	Methacrylonitrile	50.000	47.675	4.7	105	-0.01
42 TM	1,2-Dichloroethane	50.000	50.222	-0.4	116	0.00
43 T	Isopropyl Acetate	50.000	49.539	0.9	115	0.00
44 TM	Trichloroethene	50.000	48.930	2.1	118	0.00
45 C	1,2-Dichloropropane	50.000	49.863	0.3#	117	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.198	1.6	119	0.00
47 T	Bromodichloromethane	50.000	50.710	-1.4	118	0.00
48 T	Methyl methacrylate	50.000	51.447	-2.9	117	0.00
49 T	1,4-Dioxane	1000.000	1224.922	-22.5	147	0.00
50 S	Toluene-d8	50.000	60.449	-20.9	147	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.700	-13.1	136	0.00
52 CM	Toluene	50.000	61.613	-23.2#	145	0.00
53 T	t-1,3-Dichloropropene	50.000	59.034	-18.1	138	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.276	-14.6	131	0.00
55 T	1,1,2-Trichloroethane	50.000	59.387	-18.8	142	0.00
56 T	Ethyl methacrylate	50.000	52.804	-5.6	142	0.00
57 T	1,3-Dichloropropane	50.000	59.163	-18.3	138	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	330.135	-32.1#	285	0.00
59 T	2-Hexanone	250.000	278.355	-11.3	134	0.00
60 T	Dibromochloromethane	50.000	53.943	-7.9	139	0.00
61 T	1,2-Dibromoethane	50.000	59.147	-18.3	139	0.00
62 S	4-Bromofluorobenzene	50.000	61.324	-22.6	132	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64 T	Tetrachloroethene	50.000	48.555	2.9	138	0.00
65 PM	Chlorobenzene	50.000	47.964	4.1	123	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.165	1.7	124	0.00
67 C	Ethyl Benzene	50.000	50.827	-1.7#	125	0.00
68 T	m/p-Xylenes	100.000	104.785	-4.8	121	0.00
69 T	o-Xylene	50.000	53.564	-7.1	122	0.00
70 T	Styrene	50.000	54.197	-8.4	124	0.00
71 P	Bromoform	50.000	53.007	-6.0	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	57.014	-14.0	133	0.00
74 T	N-amyl acetate	50.000	59.043	-18.1	127	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.071	-4.1	117	0.00
76 T	1,2,3-Trichloropropane	50.000	47.171	5.7	112	0.00
77 T	Bromobenzene	50.000	54.468	-8.9	120	0.00
78 T	n-propylbenzene	50.000	51.202	-2.4	114	0.00
79 T	2-Chlorotoluene	50.000	45.445	9.1	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.864	4.3	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.732	-13.5	131	0.00
82 T	4-Chlorotoluene	50.000	47.232	5.5	103	0.00
83 T	tert-Butylbenzene	50.000	47.999	4.0	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.280	3.4	100	0.00
85 T	sec-Butylbenzene	50.000	47.893	4.2	100	0.00
86 T	p-Isopropyltoluene	50.000	49.218	1.6	99	0.00
87 T	1,3-Dichlorobenzene	50.000	46.300	7.4	98	0.00
88 T	1,4-Dichlorobenzene	50.000	46.785	6.4	97	0.00
89 T	n-Butylbenzene	50.000	50.570	-1.1	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.640	0.7	102	0.00
91 T	1,2-Dichlorobenzene	50.000	47.124	5.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.267	7.5	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.602	8.8	94	0.00
94 T	Hexachlorobutadiene	50.000	46.417	7.2	91	0.00
95 T	Naphthalene	50.000	43.975	12.0	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	44.891	10.2	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6