

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121619\
 Data File : VN059596.D
 Acq On : 16 Dec 2019 12:00
 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 17 05:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	54.974	-9.9	109	0.00
3 P	Chloromethane	50.000	52.659	-5.3	102	0.00
4 C	Vinyl Chloride	50.000	53.220	-6.4#	104	0.00
5 T	Bromomethane	50.000	50.502	-1.0	98	0.02
6 T	Chloroethane	50.000	55.675	-11.3	109	0.00
7 T	Trichlorofluoromethane	50.000	52.827	-5.7	97	0.00
8 T	Diethyl Ether	50.000	57.049	-14.1	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.363	-10.7	108	0.00
10 T	Methyl Iodide	50.000	55.272	-10.5	103	0.00
11 T	Tert butyl alcohol	250.000	276.239	-10.5	110	0.00
12 CM	1,1-Dichloroethene	50.000	54.361	-8.7#	106	0.00
13 T	Acrolein	250.000	221.415	11.4	79	0.00
14 T	Allyl chloride	50.000	53.663	-7.3	107	0.00
15 T	Acrylonitrile	250.000	283.941	-13.6	107	0.00
16 T	Acetone	250.000	247.174	1.1	95	0.00
17 T	Carbon Disulfide	50.000	49.741	0.5	106	0.00
18 T	Methyl Acetate	50.000	52.864	-5.7	105	0.00
19 T	Methyl tert-butyl Ether	50.000	56.896	-13.8	108	0.00
20 T	Methylene Chloride	50.000	53.706	-7.4	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.599	-11.2	109	0.00
22 T	Diisopropyl ether	50.000	57.458	-14.9	108	0.00
23 T	Vinyl Acetate	250.000	312.820	-25.1#	111	0.00
24 P	1,1-Dichloroethane	50.000	56.906	-13.8	108	0.00
25 T	2-Butanone	250.000	273.241	-9.3	103	0.00
26 T	2,2-Dichloropropane	50.000	57.525	-15.0	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.447	-14.9	108	0.00
28 T	Bromochloromethane	50.000	56.534	-13.1	107	0.00
29 T	Tetrahydrofuran	250.000	276.076	-10.4	106	0.00
30 C	Chloroform	50.000	57.731	-15.5#	110	0.00
31 T	Cyclohexane	50.000	54.945	-9.9	109	0.00
32 T	1,1,1-Trichloroethane	50.000	56.031	-12.1	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.681	-19.4	112	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	60.444	-20.9	112	0.00
36 T	1,1-Dichloropropene	50.000	58.551	-17.1	109	0.00
37 T	Ethyl Acetate	50.000	56.786	-13.6	109	0.00
38 T	Carbon Tetrachloride	50.000	57.182	-14.4	109	0.00
39 T	Methylcyclohexane	50.000	61.208	-22.4	112	0.00
40 TM	Benzene	50.000	57.367	-14.7	107	0.00
41 T	Methacrylonitrile	50.000	54.745	-9.5	100	0.00
42 TM	1,2-Dichloroethane	50.000	58.110	-16.2	107	0.00
43 T	Isopropyl Acetate	50.000	58.255	-16.5	107	0.00
44 TM	Trichloroethene	50.000	57.432	-14.9	110	0.00
45 C	1,2-Dichloropropane	50.000	57.805	-15.6#	109	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	57.165	-14.3	108	0.00
47 T	Bromodichloromethane	50.000	59.083	-18.2	109	0.00
48 T	Methyl methacrylate	50.000	58.101	-16.2	107	0.00
49 T	1,4-Dioxane	1000.000	1297.836	-29.8#	110	0.00
50 S	Toluene-d8	50.000	61.505	-23.0	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.242	-19.3	105	0.00
52 CM	Toluene	50.000	57.760	-15.5#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	58.911	-17.8	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.054	-18.1	108	0.00
55 T	1,1,2-Trichloroethane	50.000	57.739	-15.5	107	0.00
56 T	Ethyl methacrylate	50.000	61.708	-23.4	107	0.00
57 T	1,3-Dichloropropane	50.000	58.870	-17.7	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	287.826	-15.1	84	0.00
59 T	2-Hexanone	250.000	296.666	-18.7	103	0.00
60 T	Dibromochloromethane	50.000	60.009	-20.0	110	0.00
61 T	1,2-Dibromoethane	50.000	57.506	-15.0	108	0.00
62 S	4-Bromofluorobenzene	50.000	61.929	-23.9	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	51.473	-2.9	102	0.00
65 PM	Chlorobenzene	50.000	57.001	-14.0	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.355	-14.7	107	0.00
67 C	Ethyl Benzene	50.000	58.733	-17.5#	108	0.00
68 T	m/p-Xylenes	100.000	117.569	-17.6	108	0.00
69 T	o-Xylene	50.000	58.853	-17.7	107	0.00
70 T	Styrene	50.000	59.862	-19.7	106	0.00
71 P	Bromoform	50.000	60.708	-21.4	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	58.592	-17.2	108	0.00
74 T	N-amyl acetate	50.000	59.396	-18.8	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.573	-13.1	104	0.00
76 T	1,2,3-Trichloropropane	50.000	55.755	-11.5	104	0.00
77 T	Bromobenzene	50.000	55.358	-10.7	106	0.00
78 T	n-propylbenzene	50.000	59.383	-18.8	108	0.00
79 T	2-Chlorotoluene	50.000	57.220	-14.4	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.623	-17.2	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.897	-13.8	106	0.00
82 T	4-Chlorotoluene	50.000	58.331	-16.7	109	0.00
83 T	tert-Butylbenzene	50.000	57.647	-15.3	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.404	-18.8	108	0.00
85 T	sec-Butylbenzene	50.000	59.280	-18.6	108	0.00
86 T	p-Isopropyltoluene	50.000	60.155	-20.3	109	0.00
87 T	1,3-Dichlorobenzene	50.000	55.410	-10.8	106	0.00
88 T	1,4-Dichlorobenzene	50.000	54.699	-9.4	107	0.00
89 T	n-Butylbenzene	50.000	58.905	-17.8	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	59.340	-18.7	109	0.00
91 T	1,2-Dichlorobenzene	50.000	55.165	-10.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.486	-1.0	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.251	-10.5	110	0.00
94 T	Hexachlorobutadiene	50.000	53.622	-7.2	111	0.00
95 T	Naphthalene	50.000	55.068	-10.1	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.448	-6.9	112	0.00

(#) = Out of Range

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