

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032119\
 Data File : VN054505.D
 Acq On : 21 Mar 2019 11:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 10:16:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	51.568	-3.1	110	0.00
3 P	Chloromethane	50.000	48.131	3.7	104	0.00
4 C	Vinyl Chloride	50.000	47.308	5.4#	101	0.00
5 T	Bromomethane	50.000	42.479	15.0	99	0.00
6 T	Chloroethane	50.000	44.213	11.6	98	0.00
7 T	Trichlorofluoromethane	50.000	47.379	5.2	102	0.00
8 T	Diethyl Ether	50.000	44.775	10.5	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.203	7.6	103	0.00
10 T	Methyl Iodide	50.000	44.397	11.2	93	0.00
11 T	Tert butyl alcohol	250.000	242.295	3.1	98	0.00
12 CM	1,1-Dichloroethene	50.000	42.658	14.7#	94	0.00
13 T	Acrolein	250.000	225.132	9.9	96	0.00
14 T	Allyl chloride	50.000	49.544	0.9	107	0.00
15 T	Acrylonitrile	250.000	253.445	-1.4	105	0.00
16 T	Acetone	250.000	249.224	0.3	103	0.00
17 T	Carbon Disulfide	50.000	47.668	4.7	107	0.00
18 T	Methyl Acetate	50.000	48.734	2.5	103	0.00
19 T	Methyl tert-butyl Ether	50.000	48.675	2.7	103	0.00
20 T	Methylene Chloride	50.000	46.887	6.2	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.905	0.2	106	0.00
22 T	Diisopropyl ether	50.000	50.371	-0.7	107	0.00
23 T	Vinyl Acetate	250.000	262.734	-5.1	106	0.00
24 P	1,1-Dichloroethane	50.000	49.740	0.5	106	0.00
25 T	2-Butanone	250.000	264.981	-6.0	105	0.00
26 T	2,2-Dichloropropane	50.000	51.924	-3.8	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.802	4.4	104	0.00
28 T	Bromochloromethane	50.000	48.222	3.6	102	0.00
29 T	Tetrahydrofuran	250.000	256.588	-2.6	102	0.00
30 C	Chloroform	50.000	48.744	2.5#	104	0.00
31 T	Cyclohexane	50.000	51.768	-3.5	112	0.00
32 T	1,1,1-Trichloroethane	50.000	50.335	-0.7	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.519	3.0	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	50.595	-1.2	101	0.00
36 T	1,1-Dichloropropene	50.000	51.884	-3.8	109	0.00
37 T	Ethyl Acetate	50.000	52.345	-4.7	103	0.00
38 T	Carbon Tetrachloride	50.000	50.499	-1.0	106	0.00
39 T	Methylcyclohexane	50.000	54.182	-8.4	113	0.00
40 TM	Benzene	50.000	51.210	-2.4	105	0.00
41 T	Methacrylonitrile	50.000	50.625	-1.3	105	0.00
42 TM	1,2-Dichloroethane	50.000	49.864	0.3	104	0.00
43 T	Isopropyl Acetate	50.000	53.868	-7.7	105	0.00
44 TM	Trichloroethene	50.000	50.018	-0.0	104	0.00
45 C	1,2-Dichloropropane	50.000	52.684	-5.4#	105	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	51.923	-3.8	105	0.00
47 T	Bromodichloromethane	50.000	52.647	-5.3	106	0.00
48 T	Methyl methacrylate	50.000	50.777	-1.6	102	0.00
49 T	1,4-Dioxane	1000.000	1000.682	-0.1	99	0.00
50 S	Toluene-d8	50.000	50.748	-1.5	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.442	-8.6	104	0.00
52 CM	Toluene	50.000	51.062	-2.1#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	49.456	1.1	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.698	-9.4	106	0.00
55 T	1,1,2-Trichloroethane	50.000	51.280	-2.6	103	0.00
56 T	Ethyl methacrylate	50.000	54.372	-8.7	105	0.00
57 T	1,3-Dichloropropane	50.000	52.291	-4.6	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.877	-2.0	98	0.00
59 T	2-Hexanone	250.000	273.817	-9.5	106	0.00
60 T	Dibromochloromethane	50.000	53.762	-7.5	104	0.00
61 T	1,2-Dibromoethane	50.000	51.854	-3.7	103	0.00
62 S	4-Bromofluorobenzene	50.000	51.627	-3.3	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	48.302	3.4	102	0.00
65 PM	Chlorobenzene	50.000	50.563	-1.1	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.411	-4.8	104	0.00
67 C	Ethyl Benzene	50.000	50.826	-1.7#	105	0.00
68 T	m/p-Xylenes	100.000	102.324	-2.3	106	0.00
69 T	o-Xylene	50.000	50.072	-0.1	103	0.00
70 T	Styrene	50.000	51.791	-3.6	104	0.00
71 P	Bromoform	50.000	47.739	4.5	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	48.588	2.8	106	0.00
74 T	N-amyl acetate	50.000	55.188	-10.4	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.857	-1.7	104	0.00
76 T	1,2,3-Trichloropropane	50.000	56.410	-12.8	117	0.00
77 T	Bromobenzene	50.000	48.198	3.6	103	0.00
78 T	n-propylbenzene	50.000	50.628	-1.3	108	0.00
79 T	2-Chlorotoluene	50.000	48.119	3.8	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.917	0.2	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.956	4.1	105	0.00
82 T	4-Chlorotoluene	50.000	49.553	0.9	105	0.00
83 T	tert-Butylbenzene	50.000	49.587	0.8	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.876	0.2	104	0.00
85 T	sec-Butylbenzene	50.000	50.781	-1.6	109	0.00
86 T	p-Isopropyltoluene	50.000	51.916	-3.8	109	0.00
87 T	1,3-Dichlorobenzene	50.000	49.575	0.8	102	0.00
88 T	1,4-Dichlorobenzene	50.000	49.564	0.9	102	0.00
89 T	n-Butylbenzene	50.000	55.583	-11.2	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.155	-8.3	110	0.00
91 T	1,2-Dichlorobenzene	50.000	49.732	0.5	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.270	-4.5	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.008	-12.0	107	0.00
94 T	Hexachlorobutadiene	50.000	61.845	-23.7	117	0.00
95 T	Naphthalene	50.000	53.977	-8.0	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.499	-9.0	104	0.00

(#) = Out of Range

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