

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
 Data File : VN054841.D
 Acq On : 31 Mar 2019 10:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 02:54:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 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	49.532	0.9	114	0.00
3 P	Chloromethane	50.000	47.428	5.1	107	0.00
4 C	Vinyl Chloride	50.000	49.731	0.5#	113	0.00
5 T	Bromomethane	50.000	46.621	6.8	98	0.00
6 T	Chloroethane	50.000	49.707	0.6	116	0.00
7 T	Trichlorofluoromethane	50.000	51.938	-3.9	117	0.00
8 T	Diethyl Ether	50.000	51.531	-3.1	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.790	-5.6	121	0.00
10 T	Methyl Iodide	50.000	42.648	14.7	88	0.00
11 T	Tert butyl alcohol	250.000	302.468	-21.0	135	0.00
12 CM	1,1-Dichloroethene	50.000	52.319	-4.6#	117	0.00
13 T	Acrolein	250.000	222.885	10.8	103	0.00
14 T	Allyl chloride	50.000	51.388	-2.8	115	0.00
15 T	Acrylonitrile	250.000	273.578	-9.4	120	0.00
16 T	Acetone	250.000	407.725	-63.1#	182	0.00
17 T	Carbon Disulfide	50.000	50.591	-1.2	114	0.00
18 T	Methyl Acetate	50.000	57.324	-14.6	122	0.00
19 T	Methyl tert-butyl Ether	50.000	52.815	-5.6	116	0.00
20 T	Methylene Chloride	50.000	50.008	-0.0	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.509	-3.0	115	0.00
22 T	Diisopropyl ether	50.000	53.634	-7.3	116	0.00
23 T	Vinyl Acetate	250.000	283.383	-13.4	118	0.00
24 P	1,1-Dichloroethane	50.000	51.393	-2.8	113	0.00
25 T	2-Butanone	250.000	357.029	-42.8#	149	0.00
26 T	2,2-Dichloropropane	50.000	54.629	-9.3	119	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.594	-5.2	116	0.00
28 T	Bromochloromethane	50.000	53.810	-7.6	117	0.00
29 T	Tetrahydrofuran	250.000	272.253	-8.9	122	0.00
30 C	Chloroform	50.000	53.127	-6.3#	116	0.00
31 T	Cyclohexane	50.000	53.884	-7.8	113	0.00
32 T	1,1,1-Trichloroethane	50.000	53.411	-6.8	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.706	-1.4	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	50.407	-0.8	108	0.00
36 T	1,1-Dichloropropene	50.000	53.294	-6.6	116	0.00
37 T	Ethyl Acetate	50.000	54.728	-9.5	120	0.00
38 T	Carbon Tetrachloride	50.000	51.848	-3.7	116	0.00
39 T	Methylcyclohexane	50.000	54.762	-9.5	117	0.00
40 TM	Benzene	50.000	53.843	-7.7	115	0.00
41 T	Methacrylonitrile	50.000	56.716	-13.4	120	0.00
42 TM	1,2-Dichloroethane	50.000	53.574	-7.1	117	0.00
43 T	Isopropyl Acetate	50.000	58.164	-16.3	119	0.00
44 TM	Trichloroethene	50.000	54.142	-8.3	118	0.00
45 C	1,2-Dichloropropane	50.000	53.236	-6.5#	115	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	54.641	-9.3	116	0.00
47 T	Bromodichloromethane	50.000	56.220	-12.4	117	0.00
48 T	Methyl methacrylate	50.000	54.650	-9.3	117	0.00
49 T	1,4-Dioxane	1000.000	1231.986	-23.2	128	0.00
50 S	Toluene-d8	50.000	51.383	-2.8	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	299.603	-19.8	123	0.00
52 CM	Toluene	50.000	54.871	-9.7#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	58.830	-17.7	118	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.460	-16.9	118	0.00
55 T	1,1,2-Trichloroethane	50.000	54.309	-8.6	120	0.00
56 T	Ethyl methacrylate	50.000	58.077	-16.2	119	0.00
57 T	1,3-Dichloropropane	50.000	55.007	-10.0	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.510	5.8	103	0.00
59 T	2-Hexanone	250.000	336.760	-34.7#	142	0.00
60 T	Dibromochloromethane	50.000	58.257	-16.5	118	0.00
61 T	1,2-Dibromoethane	50.000	55.674	-11.3	116	0.00
62 S	4-Bromofluorobenzene	50.000	53.315	-6.6	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	52.357	-4.7	116	0.00
65 PM	Chlorobenzene	50.000	53.177	-6.4	116	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.435	-8.9	116	0.00
67 C	Ethyl Benzene	50.000	53.953	-7.9#	117	0.00
68 T	m/p-Xylenes	100.000	108.788	-8.8	118	0.00
69 T	o-Xylene	50.000	52.854	-5.7	116	0.00
70 T	Styrene	50.000	56.652	-13.3	117	0.00
71 P	Bromoform	50.000	58.166	-16.3	119	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	49.079	1.8	118	0.00
74 T	N-amyl acetate	50.000	53.056	-6.1	120	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.017	-12.0	122	0.00
76 T	1,2,3-Trichloropropane	50.000	48.740	2.5	121	0.00
77 T	Bromobenzene	50.000	49.786	0.4	117	0.00
78 T	n-propylbenzene	50.000	50.804	-1.6	117	0.00
79 T	2-Chlorotoluene	50.000	49.227	1.5	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.743	0.5	117	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.485	-7.0	123	0.00
82 T	4-Chlorotoluene	50.000	51.331	-2.7	118	0.00
83 T	tert-Butylbenzene	50.000	53.736	-7.5	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.599	-3.2	116	0.00
85 T	sec-Butylbenzene	50.000	50.458	-0.9	119	0.00
86 T	p-Isopropyltoluene	50.000	50.579	-1.2	117	0.00
87 T	1,3-Dichlorobenzene	50.000	51.720	-3.4	118	0.00
88 T	1,4-Dichlorobenzene	50.000	51.407	-2.8	118	0.00
89 T	n-Butylbenzene	50.000	53.255	-6.5	119	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
90 T	Hexachloroethane	50.000	50.208	-0.4	115	0.00
91 T	1,2-Dichlorobenzene	50.000	49.784	0.4	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.435	-6.9	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.635	-5.3	114	0.00
94 T	Hexachlorobutadiene	50.000	52.979	-6.0	112	0.00
95 T	Naphthalene	50.000	51.599	-3.2	116	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.180	-2.4	114	0.00

(#) = Out of Range

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