

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX121719\
 Data File : VX014051.D
 Acq On : 17 Dec 2019 11:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 07:28:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	115	0.00
2 T	Dichlorodifluoromethane	50.000	50.246	-0.5	120	0.00
3 P	Chloromethane	50.000	50.250	-0.5	119	0.00
4 C	Vinyl Chloride	50.000	50.307	-0.6#	121	0.00
5 T	Bromomethane	50.000	47.980	4.0	120	0.00
6 T	Chloroethane	50.000	50.401	-0.8	121	0.01
7 T	Trichlorofluoromethane	50.000	50.772	-1.5	121	0.00
8 T	Diethyl Ether	50.000	49.100	1.8	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.406	-2.8	124	0.00
10 T	Methyl Iodide	50.000	50.783	-1.6	119	0.00
11 T	Tert butyl alcohol	250.000	242.663	2.9	122	-0.01
12 CM	1,1-Dichloroethene	50.000	50.416	-0.8#	122	0.00
13 T	Acrolein	250.000	320.378	-28.2#	160	0.00
14 T	Allyl chloride	50.000	52.424	-4.8	124	0.00
15 T	Acrylonitrile	250.000	251.257	-0.5	121	0.00
16 T	Acetone	250.000	237.828	4.9	110	0.00
17 T	Carbon Disulfide	50.000	50.365	-0.7	120	0.00
18 T	Methyl Acetate	50.000	49.700	0.6	121	0.00
19 T	Methyl tert-butyl Ether	50.000	51.765	-3.5	122	0.00
20 T	Methylene Chloride	50.000	48.145	3.7	122	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.694	0.6	122	0.00
22 T	Diisopropyl ether	50.000	51.821	-3.6	123	0.00
23 T	Vinyl Acetate	250.000	275.027	-10.0	128	0.00
24 P	1,1-Dichloroethane	50.000	50.014	-0.0	122	0.00
25 T	2-Butanone	250.000	249.830	0.1	116	0.00
26 T	2,2-Dichloropropane	50.000	53.313	-6.6	126	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.107	-0.2	121	0.00
28 T	Bromochloromethane	50.000	56.872	-13.7	129	0.00
29 T	Tetrahydrofuran	250.000	257.648	-3.1	123	0.00
30 C	Chloroform	50.000	50.970	-1.9#	120	0.00
31 T	Cyclohexane	50.000	52.853	-5.7	122	0.00
32 T	1,1,1-Trichloroethane	50.000	50.922	-1.8	121	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.380	3.2	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	49.434	1.1	113	0.00
36 T	1,1-Dichloropropene	50.000	52.157	-4.3	123	0.00
37 T	Ethyl Acetate	50.000	52.683	-5.4	120	0.00
38 T	Carbon Tetrachloride	50.000	53.717	-7.4	122	0.00
39 T	Methylcyclohexane	50.000	54.528	-9.1	128	0.00
40 TM	Benzene	50.000	50.976	-2.0	120	0.00
41 T	Methacrylonitrile	50.000	51.437	-2.9	121	-0.01
42 TM	1,2-Dichloroethane	50.000	50.685	-1.4	120	0.00
43 T	Isopropyl Acetate	50.000	52.765	-5.5	122	0.00
44 TM	Trichloroethene	50.000	50.031	-0.1	122	0.00
45 C	1,2-Dichloropropane	50.000	52.182	-4.4#	123	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.519	-1.0	121	0.00
47 T	Bromodichloromethane	50.000	53.988	-8.0	124	0.00
48 T	Methyl methacrylate	50.000	53.368	-6.7	122	0.00
49 T	1,4-Dioxane	1000.000	1038.250	-3.8	125	0.00
50 S	Toluene-d8	50.000	49.779	0.4	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.049	-3.2	120	0.00
52 CM	Toluene	50.000	50.662	-1.3#	119	0.00
53 T	t-1,3-Dichloropropene	50.000	55.255	-10.5	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.741	-11.5	124	0.00
55 T	1,1,2-Trichloroethane	50.000	51.420	-2.8	121	0.00
56 T	Ethyl methacrylate	50.000	52.934	-5.9	118	0.00
57 T	1,3-Dichloropropane	50.000	51.330	-2.7	119	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	196.549	21.4#	86	0.00
59 T	2-Hexanone	250.000	256.111	-2.4	115	0.00
60 T	Dibromochloromethane	50.000	55.116	-10.2	123	0.00
61 T	1,2-Dibromoethane	50.000	52.238	-4.5	120	0.00
62 S	4-Bromofluorobenzene	50.000	49.281	1.4	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	45.364	9.3	107	0.00
65 PM	Chlorobenzene	50.000	50.864	-1.7	120	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.660	-5.3	121	0.00
67 C	Ethyl Benzene	50.000	52.772	-5.5#	121	0.00
68 T	m/p-Xylenes	100.000	105.017	-5.0	121	0.00
69 T	o-Xylene	50.000	51.660	-3.3	119	0.00
70 T	Styrene	50.000	52.765	-5.5	119	0.00
71 P	Bromoform	50.000	54.154	-8.3	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73 T	Isopropylbenzene	50.000	53.091	-6.2	121	0.00
74 T	N-amyl acetate	50.000	52.508	-5.0	118	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.433	-0.9	116	0.00
76 T	1,2,3-Trichloropropane	50.000	45.943	8.1	102	0.00
77 T	Bromobenzene	50.000	48.949	2.1	118	0.00
78 T	n-propylbenzene	50.000	54.317	-8.6	122	0.00
79 T	2-Chlorotoluene	50.000	51.859	-3.7	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.797	-5.6	120	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.046	-12.1	121	0.00
82 T	4-Chlorotoluene	50.000	51.633	-3.3	121	0.00
83 T	tert-Butylbenzene	50.000	54.379	-8.8	126	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.847	-5.7	120	0.00
85 T	sec-Butylbenzene	50.000	54.004	-8.0	123	0.00
86 T	p-Isopropyltoluene	50.000	54.838	-9.7	124	0.00
87 T	1,3-Dichlorobenzene	50.000	50.282	-0.6	120	0.00
88 T	1,4-Dichlorobenzene	50.000	49.340	1.3	120	0.00
89 T	n-Butylbenzene	50.000	56.536	-13.1	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.013	-8.0	122	0.00
91 T	1,2-Dichlorobenzene	50.000	49.677	0.6	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.827	2.3	118	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.787	-5.6	123	0.00
94 T	Hexachlorobutadiene	50.000	52.473	-4.9	125	0.00
95 T	Naphthalene	50.000	53.865	-7.7	119	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.890	-5.8	120	0.00

(#) = Out of Range

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