

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX070218\
 Data File : VX003120.D
 Acq On : 02 Jul 2018 11:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 07:03:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	57.701	-15.4	125	0.00
3 P	Chloromethane	50.000	55.873	-11.7	118	0.00
4 C	Vinyl Chloride	50.000	51.002	-2.0#	120	0.00
5 T	Bromomethane	50.000	30.680	38.6#	71	0.00
6 T	Chloroethane	50.000	56.319	-12.6	117	0.00
7 T	Trichlorofluoromethane	50.000	47.859	4.3	106	0.00
8 T	Diethyl Ether	50.000	49.871	0.3	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.392	1.2	113	0.00
10 T	Methyl Iodide	50.000	42.154	15.7	99	0.00
11 T	Tert butyl alcohol	250.000	227.421	9.0	99	0.00
12 CM	1,1-Dichloroethene	50.000	49.046	1.9#	112	0.00
13 T	Acrolein	250.000	195.032	22.0#	87	0.00
14 T	Allyl chloride	50.000	49.065	1.9	109	0.00
15 T	Acrylonitrile	250.000	241.924	3.2	106	0.00
16 T	Acetone	250.000	329.871	-31.9#	145	0.00
17 T	Carbon Disulfide	50.000	53.349	-6.7	124	0.00
18 T	Methyl Acetate	50.000	41.362	17.3	86	0.00
19 T	Methyl tert-butyl Ether	50.000	48.782	2.4	107	0.00
20 T	Methylene Chloride	50.000	48.750	2.5	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.988	2.0	112	0.00
22 T	Diisopropyl ether	50.000	51.395	-2.8	113	0.00
23 T	Vinyl Acetate	250.000	269.255	-7.7	119	0.00
24 P	1,1-Dichloroethane	50.000	47.967	4.1	107	0.00
25 T	2-Butanone	250.000	289.781	-15.9	126	0.00
26 T	2,2-Dichloropropane	50.000	52.360	-4.7	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.805	-3.6	116	0.00
28 T	Bromochloromethane	50.000	48.194	3.6	102	0.00
29 T	Tetrahydrofuran	250.000	246.827	1.3	109	0.00
30 C	Chloroform	50.000	49.284	1.4#	109	0.00
31 T	Cyclohexane	50.000	51.425	-2.8	114	0.00
32 T	1,1,1-Trichloroethane	50.000	50.475	-1.0	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.410	7.2	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	51.222	-2.4	106	0.00
36 T	1,1-Dichloropropene	50.000	53.633	-7.3	114	0.00
37 T	Ethyl Acetate	50.000	55.022	-10.0	115	0.00
38 T	Carbon Tetrachloride	50.000	53.375	-6.8	111	0.00
39 T	Methylcyclohexane	50.000	54.727	-9.5	114	0.00
40 TM	Benzene	50.000	53.438	-6.9	111	0.00
41 T	Methacrylonitrile	50.000	53.081	-6.2	109	0.00
42 TM	1,2-Dichloroethane	50.000	49.708	0.6	105	0.00
43 T	Isopropyl Acetate	50.000	52.085	-4.2	109	0.00
44 TM	Trichloroethene	50.000	53.370	-6.7	114	0.00
45 C	1,2-Dichloropropane	50.000	52.646	-5.3#	114	0.00

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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)
46 T	Dibromomethane	50.000	52.068	-4.1	108	0.00
47 T	Bromodichloromethane	50.000	53.849	-7.7	109	0.00
48 T	Methyl methacrylate	50.000	52.123	-4.2	105	0.00
49 T	1,4-Dioxane	1000.000	1027.857	-2.8	106	0.00
50 S	Toluene-d8	50.000	50.881	-1.8	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.274	-5.3	106	0.00
52 CM	Toluene	50.000	54.209	-8.4#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	57.007	-14.0	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.297	-10.6	110	0.00
55 T	1,1,2-Trichloroethane	50.000	53.730	-7.5	111	0.00
56 T	Ethyl methacrylate	50.000	55.958	-11.9	113	0.00
57 T	1,3-Dichloropropane	50.000	52.829	-5.7	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	295.518	-18.2	117	0.00
59 T	2-Hexanone	250.000	281.632	-12.7	112	0.00
60 T	Dibromochloromethane	50.000	56.270	-12.5	110	0.00
61 T	1,2-Dibromoethane	50.000	54.961	-9.9	112	0.00
62 S	4-Bromofluorobenzene	50.000	51.610	-3.2	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	54.007	-8.0	112	0.00
65 PM	Chlorobenzene	50.000	52.683	-5.4	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.433	-8.9	110	0.00
67 C	Ethyl Benzene	50.000	54.583	-9.2#	110	0.00
68 T	m/p-Xylenes	100.000	111.019	-11.0	111	0.00
69 T	o-Xylene	50.000	55.520	-11.0	111	0.00
70 T	Styrene	50.000	56.905	-13.8	112	0.00
71 P	Bromoform	50.000	50.426	-0.9	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	53.555	-7.1	110	0.00
74 T	N-amyl acetate	50.000	50.285	-0.6	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.089	-4.2	112	0.00
76 T	1,2,3-Trichloropropane	50.000	59.186	-18.4	124	0.00
77 T	Bromobenzene	50.000	52.372	-4.7	111	0.00
78 T	n-propylbenzene	50.000	53.706	-7.4	109	0.00
79 T	2-Chlorotoluene	50.000	52.108	-4.2	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.099	-8.2	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.732	2.5	109	0.00
82 T	4-Chlorotoluene	50.000	52.738	-5.5	109	0.00
83 T	tert-Butylbenzene	50.000	53.452	-6.9	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.688	-7.4	110	0.00
85 T	sec-Butylbenzene	50.000	52.652	-5.3	107	0.00
86 T	p-Isopropyltoluene	50.000	54.233	-8.5	108	0.00
87 T	1,3-Dichlorobenzene	50.000	52.978	-6.0	111	0.00
88 T	1,4-Dichlorobenzene	50.000	51.747	-3.5	111	0.00
89 T	n-Butylbenzene	50.000	53.394	-6.8	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.375	-0.8	101	0.00
91 T	1,2-Dichlorobenzene	50.000	52.325	-4.7	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.186	-0.4	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.111	-8.2	112	0.00
94 T	Hexachlorobutadiene	50.000	53.950	-7.9	111	0.00
95 T	Naphthalene	50.000	55.592	-11.2	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.098	-8.2	110	0.00

(#) = Out of Range

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