

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082318\
 Data File : VX004214.D
 Acq On : 23 Aug 2018 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 24 05:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 14:20:03 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	118	0.00
2 T	Dichlorodifluoromethane	50.000	50.560	-1.1	111	0.00
3 P	Chloromethane	50.000	44.490	11.0	104	0.00
4 C	Vinyl Chloride	50.000	46.745	6.5#	107	0.00
5 T	Bromomethane	50.000	47.962	4.1	110	0.00
6 T	Chloroethane	50.000	45.833	8.3	106	0.00
7 T	Trichlorofluoromethane	50.000	47.088	5.8	110	0.00
8 T	Diethyl Ether	50.000	46.929	6.1	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.883	6.2	114	0.00
10 T	Methyl Iodide	50.000	44.718	10.6	106	0.00
11 T	Tert butyl alcohol	250.000	215.272	13.9	101	-0.02
12 CM	1,1-Dichloroethene	50.000	46.266	7.5#	112	0.00
13 T	Acrolein	250.000	199.321	20.3#	96	0.00
14 T	Allyl chloride	50.000	45.526	8.9	107	0.00
15 T	Acrylonitrile	250.000	209.610	16.2	102	0.00
16 T	Acetone	250.000	233.226	6.7	106	0.00
17 T	Carbon Disulfide	50.000	46.977	6.0	112	0.00
18 T	Methyl Acetate	50.000	44.114	11.8	103	0.00
19 T	Methyl tert-butyl Ether	50.000	47.401	5.2	114	0.00
20 T	Methylene Chloride	50.000	44.048	11.9	112	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.646	8.7	113	0.00
22 T	Diisopropyl ether	50.000	46.729	6.5	113	0.00
23 T	Vinyl Acetate	250.000	235.360	5.9	111	0.00
24 P	1,1-Dichloroethane	50.000	45.747	8.5	108	0.00
25 T	2-Butanone	250.000	220.232	11.9	103	0.00
26 T	2,2-Dichloropropane	50.000	48.734	2.5	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.199	7.6	112	0.00
28 T	Bromochloromethane	50.000	45.278	9.4	103	0.00
29 T	Tetrahydrofuran	250.000	214.204	14.3	101	0.00
30 C	Chloroform	50.000	45.946	8.1#	110	0.00
31 T	Cyclohexane	50.000	48.209	3.6	112	0.00
32 T	1,1,1-Trichloroethane	50.000	47.610	4.8	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.892	12.2	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35 S	Dibromofluoromethane	50.000	47.308	5.4	113	0.00
36 T	1,1-Dichloropropene	50.000	48.169	3.7	111	0.00
37 T	Ethyl Acetate	50.000	45.397	9.2	104	0.00
38 T	Carbon Tetrachloride	50.000	49.069	1.9	111	0.00
39 T	Methylcyclohexane	50.000	50.668	-1.3	115	0.00
40 TM	Benzene	50.000	47.577	4.8	109	0.00
41 T	Methacrylonitrile	50.000	46.342	7.3	106	0.00
42 TM	1,2-Dichloroethane	50.000	46.904	6.2	109	0.00
43 T	Isopropyl Acetate	50.000	48.169	3.7	108	0.00
44 TM	Trichloroethene	50.000	47.317	5.4	112	0.00
45 C	1,2-Dichloropropane	50.000	47.778	4.4#	109	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	46.696	6.6	108	0.00
47 T	Bromodichloromethane	50.000	49.227	1.5	110	0.00
48 T	Methyl methacrylate	50.000	48.400	3.2	107	0.00
49 T	1,4-Dioxane	1000.000	928.509	7.1	103	0.00
50 S	Toluene-d8	50.000	47.368	5.3	110	0.00
51 T	4-Methyl-2-Pentanone	250.000	218.341	12.7	103	0.00
52 CM	Toluene	50.000	49.230	1.5#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	51.356	-2.7	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.743	-3.5	113	0.00
55 T	1,1,2-Trichloroethane	50.000	47.346	5.3	108	0.00
56 T	Ethyl methacrylate	50.000	52.183	-4.4	113	0.00
57 T	1,3-Dichloropropane	50.000	47.732	4.5	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.362	-2.9	108	0.00
59 T	2-Hexanone	250.000	219.719	12.1	103	0.00
60 T	Dibromochloromethane	50.000	50.442	-0.9	111	0.00
61 T	1,2-Dibromoethane	50.000	48.189	3.6	109	0.00
62 S	4-Bromofluorobenzene	50.000	46.719	6.6	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	126	0.00
64 T	Tetrachloroethene	50.000	44.996	10.0	112	0.00
65 PM	Chlorobenzene	50.000	48.561	2.9	123	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.131	1.7	119	0.00
67 C	Ethyl Benzene	50.000	51.283	-2.6#	122	0.00
68 T	m/p-Xylenes	100.000	101.185	-1.2	118	0.00
69 T	o-Xylene	50.000	49.389	1.2	113	0.00
70 T	Styrene	50.000	50.916	-1.8	115	0.00
71 P	Bromoform	50.000	46.994	6.0	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	50.866	-1.7	106	0.00
74 T	N-amyl acetate	50.000	50.948	-1.9	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.740	10.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	48.637	2.7	103	0.00
77 T	Bromobenzene	50.000	48.859	2.3	108	0.00
78 T	n-propylbenzene	50.000	51.324	-2.6	106	0.00
79 T	2-Chlorotoluene	50.000	48.174	3.7	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.147	-2.3	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.693	-3.4	108	0.00
82 T	4-Chlorotoluene	50.000	48.536	2.9	105	0.00
83 T	tert-Butylbenzene	50.000	52.191	-4.4	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.370	-6.7	108	0.00
85 T	sec-Butylbenzene	50.000	52.146	-4.3	109	0.00
86 T	p-Isopropyltoluene	50.000	54.068	-8.1	109	0.00
87 T	1,3-Dichlorobenzene	50.000	48.403	3.2	108	0.00
88 T	1,4-Dichlorobenzene	50.000	47.558	4.9	109	0.00
89 T	n-Butylbenzene	50.000	59.651	-19.3	126	0.00

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90 T	Hexachloroethane	50.000	56.651	-13.3	122	0.00
91 T	1,2-Dichlorobenzene	50.000	53.714	-7.4	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.056	-0.1	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.873	-3.7	115	0.00
94 T	Hexachlorobutadiene	50.000	52.337	-4.7	113	0.00
95 T	Naphthalene	50.000	54.557	-9.1	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.112	-2.2	111	0.00

(#) = Out of Range

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