

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\ VX090419\
 Data File : VX012041.D
 Acq On : 04 Sep 2019 10:04
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 04 13:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	54.417	-8.8	127	0.00
3 P	Chloromethane	50.000	52.597	-5.2	120	0.00
4 C	Vinyl Chloride	50.000	54.255	-8.5#	123	0.00
5 T	Bromomethane	50.000	53.310	-6.6	122	0.00
6 T	Chloroethane	50.000	53.243	-6.5	122	0.00
7 T	Trichlorofluoromethane	50.000	57.535	-15.1	130	0.00
8 T	Diethyl Ether	50.000	51.156	-2.3	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.361	-12.7	127	0.00
10 T	Methyl Iodide	50.000	47.048	5.9	115	0.00
11 T	Tert butyl alcohol	250.000	221.512	11.4	107	0.00
12 CM	1,1-Dichloroethene	50.000	54.324	-8.6#	122	0.00
13 T	Acrolein	250.000	415.907	-66.4#	187	0.00
14 T	Allyl chloride	50.000	53.567	-7.1	119	0.00
15 T	Acrylonitrile	250.000	239.203	4.3	110	0.00
16 T	Acetone	250.000	248.474	0.6	113	0.00
17 T	Carbon Disulfide	50.000	57.341	-14.7	119	0.00
18 T	Methyl Acetate	50.000	45.331	9.3	109	0.00
19 T	Methyl tert-butyl Ether	50.000	50.149	-0.3	114	0.00
20 T	Methylene Chloride	50.000	46.388	7.2	112	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.427	-6.9	118	0.00
22 T	Diisopropyl ether	50.000	51.260	-2.5	118	0.00
23 T	Vinyl Acetate	250.000	259.019	-3.6	113	0.00
24 P	1,1-Dichloroethane	50.000	51.780	-3.6	118	0.00
25 T	2-Butanone	250.000	250.167	-0.1	112	0.00
26 T	2,2-Dichloropropane	50.000	53.231	-6.5	123	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.277	-2.6	116	0.00
28 T	Bromochloromethane	50.000	48.472	3.1	106	0.00
29 T	Tetrahydrofuran	250.000	240.181	3.9	110	0.00
30 C	Chloroform	50.000	50.943	-1.9#	117	0.00
31 T	Cyclohexane	50.000	55.102	-10.2	125	0.00
32 T	1,1,1-Trichloroethane	50.000	54.304	-8.6	122	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.162	1.7	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	50.126	-0.3	106	0.00
36 T	1,1-Dichloropropene	50.000	55.586	-11.2	120	0.00
37 T	Ethyl Acetate	50.000	51.003	-2.0	109	0.00
38 T	Carbon Tetrachloride	50.000	56.923	-13.8	126	0.00
39 T	Methylcyclohexane	50.000	56.036	-12.1	124	0.00
40 TM	Benzene	50.000	54.151	-8.3	117	0.00
41 T	Methacrylonitrile	50.000	51.283	-2.6	112	0.00
42 TM	1,2-Dichloroethane	50.000	53.498	-7.0	116	0.00
43 T	Isopropyl Acetate	50.000	51.461	-2.9	112	0.00
44 TM	Trichloroethene	50.000	54.562	-9.1	119	0.00
45 C	1,2-Dichloropropane	50.000	52.266	-4.5#	115	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	52.273	-4.5	115	0.00
47 T	Bromodichloromethane	50.000	53.080	-6.2	116	0.00
48 T	Methyl methacrylate	50.000	51.398	-2.8	111	0.00
49 T	1,4-Dioxane	1000.000	908.079	9.2	103	0.00
50 S	Toluene-d8	50.000	52.857	-5.7	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.142	-0.9	111	0.00
52 CM	Toluene	50.000	53.330	-6.7#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	51.868	-3.7	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.253	-6.5	117	0.00
55 T	1,1,2-Trichloroethane	50.000	50.780	-1.6	111	0.00
56 T	Ethyl methacrylate	50.000	51.217	-2.4	112	0.00
57 T	1,3-Dichloropropane	50.000	51.995	-4.0	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	208.410	16.6	87	0.00
59 T	2-Hexanone	250.000	253.229	-1.3	112	0.00
60 T	Dibromochloromethane	50.000	52.022	-4.0	115	0.00
61 T	1,2-Dibromoethane	50.000	51.672	-3.3	113	0.00
62 S	4-Bromofluorobenzene	50.000	48.431	3.1	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	55.497	-11.0	121	0.00
65 PM	Chlorobenzene	50.000	52.463	-4.9	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.853	-7.7	119	0.00
67 C	Ethyl Benzene	50.000	54.026	-8.1#	117	0.00
68 T	m/p-Xylenes	100.000	107.523	-7.5	116	0.00
69 T	o-Xylene	50.000	52.927	-5.9	115	0.00
70 T	Styrene	50.000	53.082	-6.2	113	0.00
71 P	Bromoform	50.000	52.453	-4.9	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	54.274	-8.5	117	0.00
74 T	N-amyl acetate	50.000	52.240	-4.5	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.926	-1.9	112	0.00
76 T	1,2,3-Trichloropropane	50.000	57.933	-15.9	129	0.00
77 T	Bromobenzene	50.000	53.048	-6.1	114	0.00
78 T	n-propylbenzene	50.000	54.902	-9.8	120	0.00
79 T	2-Chlorotoluene	50.000	53.675	-7.3	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.387	-8.8	119	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.720	-1.4	112	0.00
82 T	4-Chlorotoluene	50.000	53.519	-7.0	115	0.00
83 T	tert-Butylbenzene	50.000	53.261	-6.5	117	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.116	-6.2	115	0.00
85 T	sec-Butylbenzene	50.000	53.382	-6.8	117	0.00
86 T	p-Isopropyltoluene	50.000	52.902	-5.8	117	0.00
87 T	1,3-Dichlorobenzene	50.000	53.068	-6.1	118	0.00
88 T	1,4-Dichlorobenzene	50.000	51.503	-3.0	114	0.00
89 T	n-Butylbenzene	50.000	54.604	-9.2	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.197	-4.4	117	0.00
91 T	1,2-Dichlorobenzene	50.000	52.917	-5.8	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.483	-1.0	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.314	-4.6	116	0.00
94 T	Hexachlorobutadiene	50.000	52.358	-4.7	117	0.00
95 T	Naphthalene	50.000	52.638	-5.3	113	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.796	-5.6	115	0.00

(#) = Out of Range

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