

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF062218\
 Data File : VF059279.D
 Acq On : 22 Jun 2018 17:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 24 11:33:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 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	106	-0.02
2 T	Dichlorodifluoromethane	50.000	48.095	3.8	106	0.00
3 P	Chloromethane	50.000	48.728	2.5	108	0.00
4 C	Vinyl Chloride	50.000	54.222	-8.4#	115	0.00
5 T	Bromomethane	50.000	53.387	-6.8	122	0.00
6 T	Chloroethane	50.000	61.321	-22.6	129	-0.01
7 T	Trichlorofluoromethane	50.000	54.409	-8.8	109	0.00
8 T	Diethyl Ether	50.000	55.581	-11.2	130	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.236	-4.5	117	0.00
10 T	Methyl Iodide	50.000	54.520	-9.0	121	0.00
11 T	Tert butyl alcohol	250.000	247.322	1.1	116	-0.02
12 CM	1,1-Dichloroethene	50.000	53.912	-7.8#	125	0.00
13 T	Acrolein	250.000	270.256	-8.1	122	0.00
14 T	Allyl chloride	50.000	51.244	-2.5	117	-0.01
15 T	Acrylonitrile	250.000	270.789	-8.3	115	0.00
16 T	Acetone	250.000	298.780	-19.5	134	-0.01
17 T	Carbon Disulfide	50.000	53.315	-6.6	119	-0.03
18 T	Methyl Acetate	50.000	48.334	3.3	112	-0.02
19 T	Methyl tert-butyl Ether	50.000	52.683	-5.4	115	-0.02
20 T	Methylene Chloride	50.000	56.666	-13.3	123	-0.05
21 T	trans-1,2-Dichloroethene	50.000	54.882	-9.8	119	-0.01
22 T	Diisopropyl ether	50.000	52.395	-4.8	116	-0.01
23 T	Vinyl Acetate	250.000	239.028	4.4	104	-0.01
24 P	1,1-Dichloroethane	50.000	50.081	-0.2	114	-0.01
25 T	2-Butanone	250.000	245.221	1.9	109	-0.02
26 T	2,2-Dichloropropane	50.000	50.395	-0.8	111	-0.01
27 T	cis-1,2-Dichloroethene	50.000	50.777	-1.6	110	-0.02
28 T	Bromochloromethane	50.000	55.864	-11.7	120	0.00
29	Tetrahydrofuran	250.000	219.124	12.4	101	-0.03
30 C	Chloroform	50.000	49.142	1.7#	111	-0.02
31 T	Cyclohexane	50.000	50.730	-1.5	110	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.659	2.7	108	-0.02
33 S	1,2-Dichloroethane-d4	50.000	48.561	2.9	108	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	-0.01
35 S	Dibromofluoromethane	50.000	44.992	10.0	104	-0.02
36 T	1,1-Dichloropropene	50.000	49.954	0.1	110	-0.01
37 T	Ethyl Acetate	50.000	45.314	9.4	106	-0.01
38 T	Carbon Tetrachloride	50.000	47.830	4.3	103	-0.01
39 T	Methylcyclohexane	50.000	50.273	-0.5	114	-0.03
40 TM	Benzene	50.000	50.210	-0.4	111	-0.01
41 T	Methacrylonitrile	50.000	46.833	6.3	104	-0.01
42 TM	1,2-Dichloroethane	50.000	47.980	4.0	100	-0.01
43 T	Isopropyl Acetate	50.000	48.405	3.2	103	-0.02
44 TM	Trichloroethene	50.000	47.739	4.5	102	-0.03
45 C	1,2-Dichloropropane	50.000	50.578	-1.2#	110	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.479	5.0	104	-0.01
47 T	Bromodichloromethane	50.000	49.763	0.5	107	-0.01
48 T	Methyl methacrylate	50.000	50.455	-0.9	106	-0.01
49 T	1,4-Dioxane	1000.000	874.018	12.6	102	-0.02
50 S	Toluene-d8	50.000	47.414	5.2	107	-0.01
51 T	4-Methyl-2-Pentanone	250.000	233.808	6.5	102	-0.02
52 CM	Toluene	50.000	46.187	7.6#	104	-0.01
53 T	t-1,3-Dichloropropene	50.000	47.105	5.8	102	-0.01
54 T	cis-1,3-Dichloropropene	50.000	49.211	1.6	105	-0.02
55 T	1,1,2-Trichloroethane	50.000	47.626	4.7	102	-0.02
56 T	Ethyl methacrylate	50.000	49.490	1.0	101	-0.01
57 T	1,3-Dichloropropane	50.000	48.364	3.3	105	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	232.634	6.9	102	-0.01
59 T	2-Hexanone	250.000	263.652	-5.5	116	-0.01
60 T	Dibromochloromethane	50.000	50.038	-0.1	104	-0.01
61 T	1,2-Dibromoethane	50.000	48.730	2.5	104	-0.02
62 S	4-Bromofluorobenzene	50.000	47.539	4.9	107	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	-0.01
64 T	Tetrachloroethene	50.000	46.140	7.7	97	-0.02
65 PM	Chlorobenzene	50.000	51.161	-2.3	109	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	49.008	2.0	107	-0.02
67 C	Ethyl Benzene	50.000	49.202	1.6#	106	-0.02
68 T	m/p-Xylenes	100.000	97.482	2.5	101	-0.01
69 T	o-Xylene	50.000	50.177	-0.4	103	-0.01
70 T	Styrene	50.000	52.607	-5.2	111	-0.01
71 P	Bromoform	50.000	50.544	-1.1	107	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	-0.01
73 T	Isopropylbenzene	50.000	50.425	-0.8	105	-0.01
74 T	N-amyl acetate	50.000	53.007	-6.0	113	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	48.731	2.5	106	-0.01
76 T	1,2,3-Trichloropropane	50.000	50.538	-1.1	108	-0.01
77 T	Bromobenzene	50.000	48.707	2.6	103	-0.01
78 T	n-propylbenzene	50.000	50.308	-0.6	105	-0.01
79 T	2-Chlorotoluene	50.000	49.440	1.1	105	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.699	-1.4	105	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	49.087	1.8	102	-0.01
82 T	4-Chlorotoluene	50.000	49.901	0.2	106	-0.01
83 T	tert-Butylbenzene	50.000	50.063	-0.1	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.433	-2.9	108	-0.01
85 T	sec-Butylbenzene	50.000	48.582	2.8	103	-0.01
86 T	p-Isopropyltoluene	50.000	51.495	-3.0	104	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.658	2.7	103	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.082	-2.2	108	-0.01
89 T	n-Butylbenzene	50.000	50.996	-2.0	106	-0.01

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90 T	Hexachloroethane	50.000	50.558	-1.1	108	-0.01
91 T	1,2-Dichlorobenzene	50.000	49.643	0.7	109	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.407	5.2	97	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.619	0.8	101	-0.01
94 T	Hexachlorobutadiene	50.000	50.856	-1.7	104	-0.01
95 T	Naphthalene	50.000	51.200	-2.4	100	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	51.222	-2.4	101	0.00

(#) = Out of Range

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