

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060739.D
 Acq On : 15 Nov 2018 10:13
 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: Nov 15 14:03:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 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	117	-0.05
2 T	Dichlorodifluoromethane	50.000	44.238	11.5	99	-0.01
3 P	Chloromethane	50.000	46.147	7.7	103	-0.02
4 C	Vinyl Chloride	50.000	47.132	5.7#	104	-0.01
5 T	Bromomethane	50.000	46.505	7.0	98	-0.02
6 T	Chloroethane	50.000	51.408	-2.8	98	-0.01
7 T	Trichlorofluoromethane	50.000	44.464	11.1	92	-0.02
8 T	Diethyl Ether	50.000	47.015	6.0	102	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.875	2.3	108	-0.02
10 T	Methyl Iodide	50.000	48.036	3.9	107	-0.02
11 T	Tert butyl alcohol	250.000	236.478	5.4	104	-0.02
12 CM	1,1-Dichloroethene	50.000	49.625	0.8#	116	-0.01
13 T	Acrolein	250.000	244.303	2.3	122	-0.02
14 T	Allyl chloride	50.000	41.021	18.0	94	-0.03
15 T	Acrylonitrile	250.000	243.087	2.8	108	-0.03
16 T	Acetone	250.000	288.010	-15.2	116	-0.02
17 T	Carbon Disulfide	50.000	47.040	5.9	105	-0.03
18 T	Methyl Acetate	50.000	45.968	8.1	103	-0.03
19 T	Methyl tert-butyl Ether	50.000	47.797	4.4	105	-0.03
20 T	Methylene Chloride	50.000	46.480	7.0	104	0.03
21 T	trans-1,2-Dichloroethene	50.000	49.613	0.8	105	-0.02
22 T	Diisopropyl ether	50.000	49.336	1.3	109	-0.03
23 T	Vinyl Acetate	250.000	259.244	-3.7	110	-0.04
24 P	1,1-Dichloroethane	50.000	49.272	1.5	112	-0.04
25 T	2-Butanone	250.000	261.071	-4.4	116	-0.05
26 T	2,2-Dichloropropane	50.000	40.413	19.2	92	-0.05
27 T	cis-1,2-Dichloroethene	50.000	46.629	6.7	103	-0.04
28 T	Bromochloromethane	50.000	50.874	-1.7	116	-0.05
29	Tetrahydrofuran	250.000	242.272	3.1	110	-0.05
30 C	Chloroform	50.000	51.094	-2.2#	112	-0.05
31 T	Cyclohexane	50.000	47.758	4.5	111	-0.05
32 T	1,1,1-Trichloroethane	50.000	43.640	12.7	98	-0.05
33 S	1,2-Dichloroethane-d4	50.000	46.505	7.0	110	-0.05
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	-0.05
35 S	Dibromofluoromethane	50.000	49.501	1.0	117	-0.05
36 T	1,1-Dichloropropene	50.000	49.945	0.1	108	-0.05
37 T	Ethyl Acetate	50.000	49.619	0.8	109	-0.05
38 T	Carbon Tetrachloride	50.000	41.562	16.9	92	-0.04
39 T	Methylcyclohexane	50.000	50.188	-0.4	108	-0.05
40 TM	Benzene	50.000	48.382	3.2	106	-0.05
41 T	Methacrylonitrile	50.000	54.932	-9.9	112	-0.04
42 TM	1,2-Dichloroethane	50.000	46.448	7.1	101	-0.05
43 T	Isopropyl Acetate	50.000	44.314	11.4	102	-0.05
44 TM	Trichloroethene	50.000	47.707	4.6	109	-0.05
45 C	1,2-Dichloropropane	50.000	49.061	1.9#	112	-0.05

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.717	-1.4	109	-0.05
47 T	Bromodichloromethane	50.000	48.546	2.9	100	-0.04
48 T	Methyl methacrylate	50.000	46.807	6.4	107	-0.05
49 T	1,4-Dioxane	1000.000	1031.373	-3.1	120	-0.05
50 S	Toluene-d8	50.000	51.335	-2.7	116	-0.04
51 T	4-Methyl-2-Pentanone	250.000	223.863	10.5	102	-0.04
52 CM	Toluene	50.000	47.317	5.4#	106	-0.05
53 T	t-1,3-Dichloropropene	50.000	45.377	9.2	103	-0.04
54 T	cis-1,3-Dichloropropene	50.000	47.458	5.1	113	-0.04
55 T	1,1,2-Trichloroethane	50.000	46.279	7.4	100	-0.05
56 T	Ethyl methacrylate	50.000	46.215	7.6	101	-0.04
57 T	1,3-Dichloropropane	50.000	46.738	6.5	107	-0.05
58 T	2-Chloroethyl Vinyl ether	250.000	232.300	7.1	99	-0.05
59 T	2-Hexanone	250.000	239.756	4.1	113	-0.04
60 T	Dibromochloromethane	50.000	47.206	5.6	102	-0.05
61 T	1,2-Dibromoethane	50.000	48.951	2.1	104	-0.04
62 S	4-Bromofluorobenzene	50.000	50.709	-1.4	110	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	-0.04
64 T	Tetrachloroethene	50.000	48.110	3.8	99	-0.05
65 PM	Chlorobenzene	50.000	48.351	3.3	104	-0.04
66 T	1,1,1,2-Tetrachloroethane	50.000	49.155	1.7	101	-0.05
67 C	Ethyl Benzene	50.000	48.247	3.5#	105	-0.05
68 T	m/p-Xylenes	100.000	92.314	7.7	102	-0.04
69 T	o-Xylene	50.000	47.620	4.8	103	-0.04
70 T	Styrene	50.000	47.598	4.8	104	-0.04
71 P	Bromoform	50.000	49.903	0.2	101	-0.04
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	-0.03
73 T	Isopropylbenzene	50.000	49.075	1.8	101	-0.03
74 T	N-amyl acetate	50.000	46.593	6.8	103	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	49.258	1.5	99	-0.02
76 T	1,2,3-Trichloropropane	50.000	44.948	10.1	100	-0.02
77 T	Bromobenzene	50.000	47.875	4.3	99	-0.03
78 T	n-propylbenzene	50.000	48.033	3.9	107	-0.03
79 T	2-Chlorotoluene	50.000	48.129	3.7	102	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	49.570	0.9	103	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	47.102	5.8	98	-0.03
82 T	4-Chlorotoluene	50.000	47.940	4.1	103	-0.03
83 T	tert-Butylbenzene	50.000	48.236	3.5	97	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	48.550	2.9	103	-0.03
85 T	sec-Butylbenzene	50.000	49.678	0.6	104	-0.03
86 T	p-Isopropyltoluene	50.000	47.160	5.7	97	-0.03
87 T	1,3-Dichlorobenzene	50.000	47.575	4.8	101	-0.02
88 T	1,4-Dichlorobenzene	50.000	47.575	4.8	98	-0.02
89 T	n-Butylbenzene	50.000	46.221	7.6	101	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.876	-1.8	100	-0.03
91 T	1,2-Dichlorobenzene	50.000	47.471	5.1	102	-0.03
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.899	4.2	93	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	48.345	3.3	99	-0.02
94 T	Hexachlorobutadiene	50.000	51.290	-2.6	100	-0.02
95 T	Naphthalene	50.000	47.830	4.3	92	-0.03
96 T	1,2,3-Trichlorobenzene	50.000	48.984	2.0	95	-0.03

(#) = Out of Range

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