

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045405.D
 Acq On : 17 Sep 2015 12:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 18 03:48:43 2015
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 16:04:03 2015
 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	104	0.01
2 T	Dichlorodifluoromethane	50.000	47.734	4.5	97	0.01
3 P	Chloromethane	50.000	46.706	6.6	90	0.00
4 C	Vinyl Chloride	50.000	50.090	-0.2#	103	0.01
5 T	Bromomethane	50.000	45.617	8.8	90	0.01
6 T	Chloroethane	50.000	49.070	1.9	93	0.01
7 T	Trichlorofluoromethane	50.000	48.567	2.9	95	0.01
8 T	Diethyl Ether	50.000	51.045	-2.1	94	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.071	7.9	91	0.01
10 T	Methyl Iodide	50.000	47.831	4.3	94	0.01
11 T	Tert butyl alcohol	250.000	203.296	18.7	79	0.02
12 CM	1,1-Dichloroethene	50.000	49.298	1.4#	99	0.01
13 T	Acrolein	250.000	272.642	-9.1	96	0.01
14 T	Allyl chloride	50.000	52.336	-4.7	100	0.01
15 T	Acrylonitrile	250.000	262.222	-4.9	97	0.01
16 T	Acetone	250.000	265.005	-6.0	89	0.01
17 T	Carbon Disulfide	50.000	48.646	2.7	96	0.01
18 T	Methyl Acetate	50.000	49.865	0.3	89	0.00
19 T	Methyl tert-butyl Ether	50.000	45.453	9.1	88	0.01
20 T	Methylene Chloride	50.000	47.990	4.0	97	0.02
21 T	trans-1,2-Dichloroethene	50.000	47.799	4.4	95	0.01
22 T	Diisopropyl ether	50.000	49.199	1.6	93	0.01
23 T	Vinyl Acetate	250.000	254.452	-1.8	95	0.01
24 P	1,1-Dichloroethane	50.000	50.220	-0.4	99	0.01
25 T	2-Butanone	250.000	249.037	0.4	88	0.01
26 T	2,2-Dichloropropane	50.000	48.179	3.6	99	0.02
27 T	cis-1,2-Dichloroethene	50.000	45.512	9.0	87	0.01
28 T	Bromochloromethane	50.000	48.873	2.3	103	0.01
29 C	Chloroform	50.000	47.013	6.0#	92	0.01
30 T	Cyclohexane	50.000	48.630	2.7	96	0.01
31 T	1,1,1-Trichloroethane	50.000	46.159	7.7	92	0.01
32 S	1,2-Dichloroethane-d4	50.000	46.619	6.8	92	0.01
33 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.01
34 S	Dibromofluoromethane	50.000	49.669	0.7	100	0.02
35 T	1,1-Dichloropropene	50.000	48.670	2.7	96	0.02
36 T	Ethyl Acetate	50.000	47.606	4.8	86	0.00
37 T	Carbon Tetrachloride	50.000	44.593	10.8	89	0.01
38 T	Methylcyclohexane	50.000	45.861	8.3	96	0.01
39 TM	Benzene	50.000	44.486	11.0	90	0.02
40 T	Methacrylonitrile	50.000	44.247	11.5	80	0.02
41 TM	1,2-Dichloroethane	50.000	42.888	14.2	81	0.01
42 T	Isopropyl Acetate	50.000	50.027	-0.1	89	0.01
43 TM	Trichloroethene	50.000	45.188	9.6	91	0.01
44 C	1,2-Dichloropropane	50.000	45.503	9.0#	86	0.01
45 T	Dibromomethane	50.000	45.064	9.9	83	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Bromodichloromethane	50.000	44.473	11.1	83	0.01
47 T	Methyl methacrylate	50.000	49.660	0.7	90	0.00
48 T	1,4-Dioxane	1000.000	903.157	9.7	86	0.01
49 S	Toluene-d8	50.000	48.892	2.2	97	0.00
50 T	4-Methyl-2-Pentanone	250.000	240.716	3.7	86	0.01
51 CM	Toluene	50.000	46.615	6.8#	93	0.00
52 T	t-1,3-Dichloropropene	50.000	47.245	5.5	88	0.00
53 T	cis-1,3-Dichloropropene	50.000	45.203	9.6	87	0.00
54 T	1,1,2-Trichloroethane	50.000	47.273	5.5	90	0.00
55 T	Ethyl methacrylate	50.000	48.958	2.1	88	0.01
56 T	1,3-Dichloropropane	50.000	47.050	5.9	89	0.00
57 T	2-Chloroethyl Vinyl ether	-1.000	0.000	0.0	0	-7.56#
58 T	2-Hexanone	250.000	250.137	-0.1	88	0.00
59 T	Dibromochloromethane	50.000	44.379	11.2	83	0.00
60 T	1,2-Dibromoethane	50.000	47.182	5.6	85	0.01
61 S	4-Bromofluorobenzene	50.000	45.693	8.6	89	0.01
62 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.01
63 T	Tetrachloroethene	50.000	44.162	11.7	88	0.00
64 PM	Chlorobenzene	50.000	45.948	8.1	88	0.00
65 T	1,1,1,2-Tetrachloroethane	50.000	44.381	11.2	86	0.00
66 C	Ethyl Benzene	50.000	44.007	12.0#	89	0.01
67 T	m/p-Xylenes	100.000	91.774	8.2	93	0.00
68 T	o-Xylene	50.000	43.854	12.3	90	0.01
69 T	Styrene	50.000	46.029	7.9	92	0.01
70 P	Bromoform	50.000	44.460	11.1	82	0.00
71 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
72 T	Isopropylbenzene	50.000	50.148	-0.3	89	0.00
73 T	N-amyl acetate	50.000	48.505	3.0	75	0.01
74 P	1,1,2,2-Tetrachloroethane	50.000	47.579	4.8	79	0.01
75 T	1,2,3-Trichloropropane	50.000	48.144	3.7	76	0.01
76 T	Bromobenzene	50.000	46.032	7.9	81	0.00
77 T	n-propylbenzene	50.000	49.277	1.4	92	0.00
78 T	2-Chlorotoluene	50.000	48.983	2.0	88	0.00
79 T	1,3,5-Trimethylbenzene	50.000	48.670	2.7	86	0.00
80 T	trans-1,4-Dichloro-2-butene	50.000	55.827	-11.7	89	0.00
81 T	4-Chlorotoluene	50.000	47.076	5.8	85	0.01
82 T	tert-Butylbenzene	50.000	47.253	5.5	88	0.00
83 T	1,2,4-Trimethylbenzene	50.000	47.343	5.3	83	0.00
84 T	sec-Butylbenzene	50.000	49.860	0.3	91	0.00
85 T	p-Isopropyltoluene	50.000	47.265	5.5	90	0.00
86 T	1,3-Dichlorobenzene	50.000	47.180	5.6	88	0.00
87 T	1,4-Dichlorobenzene	50.000	46.578	6.8	81	0.00
88 T	n-Butylbenzene	50.000	48.864	2.3	88	0.00
89 T	Hexachloroethane	50.000	46.103	7.8	82	0.00

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90 T	1,2-Dichlorobenzene	50.000	45.397	9.2	80	0.00
91 T	1,2-Dibromo-3-Chloropropane	50.000	49.159	1.7	75	0.00
92 T	1,2,4-Trichlorobenzene	50.000	48.529	2.9	81	0.00
93 T	Hexachlorobutadiene	50.000	47.725	4.5	85	0.00
94 T	Naphthalene	50.000	47.049	5.9	80	0.02
95 T	1,2,3-Trichlorobenzene	50.000	50.213	-0.4	82	0.00

(#) = Out of Range

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