

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046821.D
 Acq On : 21 Sep 2015 21:35
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µm/5mL/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 22 03:42:06 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 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	126	-0.02
2 T	Dichlorodifluoromethane	50.000	44.261	11.5	113	0.00
3 T	Chlorodifluoromethane	50.000	50.028	-0.1	121	0.00
4 P	Chloromethane	50.000	50.528	-1.1	133	0.00
5 C	Vinyl Chloride	50.000	48.188	3.6#	124	0.00
6 T	Bromomethane	50.000	49.269	1.5	119	-0.01
7 T	Chloroethane	50.000	44.809	10.4	115	0.00
8 T	Trichlorofluoromethane	50.000	39.171	21.7#	103	-0.01
9 T	Diethyl Ether	50.000	53.133	-6.3	124	-0.01
10 T	1,1,2-Trichlorotrifluoroeth	50.000	48.441	3.1	125	-0.02
11 T	Methyl Iodide	50.000	47.915	4.2	116	-0.02
12 T	Tert butyl alcohol	250.000	181.469	27.4#	98	-0.02
13 CM	1,1-Dichloroethene	50.000	50.990	-2.0#	127	-0.01
14 T	Acrolein	250.000	270.422	-8.2	123	-0.01
15 T	Allyl chloride	50.000	56.166	-12.3	133	-0.01
16 T	Acrylonitrile	250.000	294.622	-17.8	139	-0.02
17 T	Acetone	250.000	217.007	13.2	107	-0.02
18 T	Carbon Disulfide	50.000	49.115	1.8	126	-0.02
19 T	Methyl Acetate	50.000	56.484	-13.0	137	-0.02
20 T	Methyl tert-butyl Ether	50.000	51.200	-2.4	115	-0.02
21 T	Methylene Chloride	50.000	51.342	-2.7	132	-0.02
22 T	trans-1,2-Dichloroethene	50.000	52.161	-4.3	126	-0.02
23 T	Diisopropyl ether	50.000	58.684	-17.4	132	-0.02
24 T	Vinyl Acetate	250.000	267.462	-7.0	129	-0.02
25 P	1,1-Dichloroethane	50.000	51.829	-3.7	128	-0.02
26 T	2-Butanone	250.000	272.410	-9.0	128	-0.02
27 T	2,2-Dichloropropane	50.000	42.909	14.2	108	-0.02
28 T	cis-1,2-Dichloroethene	50.000	54.311	-8.6	130	-0.02
29 T	Bromochloromethane	50.000	55.077	-10.2	148	-0.02
30 C	Chloroform	50.000	46.991	6.0#	116	-0.02
31 T	Cyclohexane	50.000	51.150	-2.3	134	-0.02
32 T	1,1,1-Trichloroethane	50.000	43.367	13.3	110	-0.02
33 S	1,2-Dichloroethane-d4	50.000	45.576	8.8	109	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	125	-0.02
35 S	Dibromofluoromethane	50.000	50.467	-0.9	118	-0.03
36 T	1,1-Dichloropropene	50.000	48.061	3.9	118	-0.02
37 T	Ethyl Acetate	50.000	53.622	-7.2	130	-0.02
38 T	Carbon Tetrachloride	50.000	42.264	15.5	109	-0.02
39 T	Methylcyclohexane	50.000	52.118	-4.2	123	-0.02
40 TM	Benzene	50.000	49.710	0.6	123	-0.02
41 T	Methacrylonitrile	50.000	60.055	-20.1#	136	-0.02
42 TM	1,2-Dichloroethane	50.000	45.227	9.5	112	-0.02
43 T	Isopropyl Acetate	50.000	56.433	-12.9	130	-0.02
44 TM	Trichloroethene	50.000	49.889	0.2	126	-0.03
45 C	1,2-Dichloropropane	50.000	50.350	-0.7#	124	-0.02

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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	47.156	5.7	116	-0.02
47 T	Bromodichloromethane	50.000	45.948	8.1	112	-0.02
48 T	Methyl methacrylate	50.000	54.449	-8.9	125	-0.02
49 T	1,4-Dioxane	1000.000	1022.227	-2.2	130	-0.02
50 S	Toluene-d8	50.000	50.978	-2.0	115	-0.02
51 T	4-Methyl-2-Pentanone	250.000	277.764	-11.1	125	-0.02
52 CM	Toluene	50.000	47.929	4.1#	114	-0.03
53 T	t-1,3-Dichloropropene	50.000	48.600	2.8	110	-0.02
54 T	cis-1,3-Dichloropropene	50.000	49.204	1.6	116	-0.02
55 T	1,1,2-Trichloroethane	50.000	46.109	7.8	113	-0.02
56 T	Ethyl methacrylate	50.000	46.251	7.5	116	-0.02
57 T	1,3-Dichloropropane	50.000	45.961	8.1	110	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	257.421	-3.0	127	-0.02
59 T	2-Hexanone	250.000	249.335	0.3	112	-0.02
60 T	Dibromochloromethane	50.000	45.505	9.0	108	-0.02
61 T	1,2-Dibromoethane	50.000	45.028	9.9	107	-0.01
62 S	4-Bromofluorobenzene	50.000	43.606	12.8	100	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	-0.02
64 T	Tetrachloroethene	50.000	52.629	-5.3	117	-0.02
65 PM	Chlorobenzene	50.000	49.255	1.5	108	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	48.931	2.1	106	-0.02
67 C	Ethyl Benzene	50.000	50.736	-1.5#	106	-0.01
68 T	m/p-Xylenes	100.000	103.225	-3.2	108	-0.02
69 T	o-Xylene	50.000	52.163	-4.3	106	-0.01
70 T	Styrene	50.000	50.530	-1.1	104	-0.02
71 P	Bromoform	50.000	47.221	5.6	99	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	-0.01
73 T	Isopropylbenzene	50.000	55.732	-11.5	104	-0.02
74 T	N-amyl acetate	50.000	50.988	-2.0	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.002	-2.0	101	-0.02
76 T	1,2,3-Trichloropropane	50.000	51.647	-3.3	101	-0.02
77 T	Bromobenzene	50.000	52.507	-5.0	102	-0.02
78 T	n-propylbenzene	50.000	53.388	-6.8	101	-0.01
79 T	2-Chlorotoluene	50.000	52.462	-4.9	101	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.634	-7.3	101	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	49.136	1.7	101	-0.02
82 T	4-Chlorotoluene	50.000	51.235	-2.5	100	-0.01
83 T	tert-Butylbenzene	50.000	54.916	-9.8	101	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	53.092	-6.2	100	-0.01
85 T	sec-Butylbenzene	50.000	52.502	-5.0	99	-0.02
86 T	p-Isopropyltoluene	50.000	52.178	-4.4	97	-0.02
87 T	1,3-Dichlorobenzene	50.000	50.961	-1.9	100	-0.02
88 T	1,4-Dichlorobenzene	50.000	49.780	0.4	99	-0.01
89 T	n-Butylbenzene	50.000	52.046	-4.1	96	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.896	2.2	96	-0.01
91 T	1,2-Dichlorobenzene	50.000	50.217	-0.4	97	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.806	4.4	93	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	52.259	-4.5	96	-0.02
94 T	Hexachlorobutadiene	50.000	48.128	3.7	92	-0.02
95 T	Naphthalene	50.000	53.462	-6.9	104	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	52.004	-4.0	95	-0.02

(#) = Out of Range

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