

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
 Data File : VD046848.D
 Acq On : 23 Sep 2015 10:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 01:53:58 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	92	-0.02
2 T	Dichlorodifluoromethane	50.000	50.528	-1.1	93	0.00
3 T	Chlorodifluoromethane	50.000	48.128	3.7	85	0.00
4 P	Chloromethane	50.000	40.467	19.1	78	0.00
5 C	Vinyl Chloride	50.000	45.044	9.9#	85	0.00
6 T	Bromomethane	50.000	52.560	-5.1	92	-0.02
7 T	Chloroethane	50.000	51.647	-3.3	97	0.00
8 T	Trichlorofluoromethane	50.000	55.797	-11.6	107	0.00
9 T	Diethyl Ether	50.000	48.143	3.7	82	-0.02
10 T	1,1,2-Trichlorotrifluoroeth	50.000	48.923	2.2	92	-0.02
11 T	Methyl Iodide	50.000	45.449	9.1	80	-0.02
12 T	Tert butyl alcohol	250.000	198.846	20.5#	76	-0.03
13 CM	1,1-Dichloroethene	50.000	47.159	5.7#	86	-0.02
14 T	Acrolein	250.000	216.483	13.4	72	-0.02
15 T	Allyl chloride	50.000	43.588	12.8	75	-0.02
16 T	Acrylonitrile	250.000	220.519	11.8	76	-0.03
17 T	Acetone	250.000	257.632	-3.1	93	-0.02
18 T	Carbon Disulfide	50.000	42.291	15.4	80	-0.02
19 T	Methyl Acetate	50.000	45.742	8.5	81	-0.02
20 T	Methyl tert-butyl Ether	50.000	54.549	-9.1	90	-0.03
21 T	Methylene Chloride	50.000	44.378	11.2	83	-0.02
22 T	trans-1,2-Dichloroethene	50.000	46.935	6.1	83	-0.02
23 T	Diisopropyl ether	50.000	49.007	2.0	81	-0.02
24 T	Vinyl Acetate	250.000	235.515	5.8	82	-0.02
25 P	1,1-Dichloroethane	50.000	47.223	5.6	86	-0.03
26 T	2-Butanone	250.000	250.242	-0.1	86	-0.02
27 T	2,2-Dichloropropane	50.000	53.904	-7.8	99	-0.03
28 T	cis-1,2-Dichloroethene	50.000	49.208	1.6	86	-0.02
29 T	Bromochloromethane	50.000	46.417	7.2	91	-0.03
30 C	Chloroform	50.000	52.825	-5.7#	96	-0.02
31 T	Cyclohexane	50.000	43.475	13.0	83	-0.03
32 T	1,1,1-Trichloroethane	50.000	54.358	-8.7	101	-0.03
33 S	1,2-Dichloroethane-d4	50.000	57.753	-15.5	101	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	-0.02
35 S	Dibromofluoromethane	50.000	59.215	-18.4	92	-0.03
36 T	1,1-Dichloropropene	50.000	55.616	-11.2	91	-0.03
37 T	Ethyl Acetate	50.000	49.345	1.3	80	-0.03
38 T	Carbon Tetrachloride	50.000	58.670	-17.3	101	-0.03
39 T	Methylcyclohexane	50.000	56.942	-13.9	90	-0.02
40 TM	Benzene	50.000	52.030	-4.1	86	-0.02
41 T	Methacrylonitrile	50.000	53.963	-7.9	81	-0.03
42 TM	1,2-Dichloroethane	50.000	62.413	-24.8#	103	-0.03
43 T	Isopropyl Acetate	50.000	52.440	-4.9	80	-0.03
44 TM	Trichloroethene	50.000	54.349	-8.7	91	-0.03
45 C	1,2-Dichloropropane	50.000	52.095	-4.2#	85	-0.03

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	58.383	-16.8	96	-0.02
47 T	Bromodichloromethane	50.000	59.422	-18.8	97	-0.02
48 T	Methyl methacrylate	50.000	55.134	-10.3	84	-0.02
49 T	1,4-Dioxane	1000.000	1021.678	-2.2	86	-0.03
50 S	Toluene-d8	50.000	60.977	-22.0#	92	-0.02
51 T	4-Methyl-2-Pentanone	250.000	292.438	-17.0	88	-0.02
52 CM	Toluene	50.000	57.530	-15.1#	91	-0.03
53 T	t-1,3-Dichloropropene	50.000	60.881	-21.8#	92	-0.02
54 T	cis-1,3-Dichloropropene	50.000	58.148	-16.3	92	-0.02
55 T	1,1,2-Trichloroethane	50.000	58.227	-16.5	95	-0.02
56 T	Ethyl methacrylate	50.000	52.826	-5.7	89	-0.02
57 T	1,3-Dichloropropane	50.000	56.982	-14.0	91	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	259.511	-3.8	85	-0.03
59 T	2-Hexanone	250.000	308.303	-23.3#	92	-0.02
60 T	Dibromochloromethane	50.000	61.490	-23.0#	98	-0.02
61 T	1,2-Dibromoethane	50.000	56.737	-13.5	90	-0.02
62 S	4-Bromofluorobenzene	50.000	63.912	-27.8#	98	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	-0.02
64 T	Tetrachloroethene	50.000	51.105	-2.2	92	-0.03
65 PM	Chlorobenzene	50.000	51.385	-2.8	92	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	55.310	-10.6	98	-0.02
67 C	Ethyl Benzene	50.000	55.257	-10.5#	94	0.00
68 T	m/p-Xylenes	100.000	110.469	-10.5	94	-0.02
69 T	o-Xylene	50.000	56.057	-12.1	93	-0.02
70 T	Styrene	50.000	56.769	-13.5	95	-0.02
71 P	Bromoform	50.000	57.796	-15.6	99	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	51.543	-3.1	96	-0.02
74 T	N-amyl acetate	50.000	43.775	12.5	87	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	50.528	-1.1	100	-0.02
76 T	1,2,3-Trichloropropane	50.000	51.251	-2.5	100	-0.02
77 T	Bromobenzene	50.000	49.369	1.3	96	-0.02
78 T	n-propylbenzene	50.000	52.587	-5.2	99	0.00
79 T	2-Chlorotoluene	50.000	51.670	-3.3	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.637	-5.3	99	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	48.494	3.0	100	-0.02
82 T	4-Chlorotoluene	50.000	51.691	-3.4	100	0.00
83 T	tert-Butylbenzene	50.000	54.856	-9.7	101	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	52.911	-5.8	99	0.00
85 T	sec-Butylbenzene	50.000	52.944	-5.9	100	-0.02
86 T	p-Isopropyltoluene	50.000	53.486	-7.0	99	-0.02
87 T	1,3-Dichlorobenzene	50.000	51.558	-3.1	101	-0.02
88 T	1,4-Dichlorobenzene	50.000	51.510	-3.0	102	0.00
89 T	n-Butylbenzene	50.000	55.505	-11.0	103	-0.02

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.767	0.5	97	0.00
91 T	1,2-Dichlorobenzene	50.000	52.556	-5.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.724	-7.4	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.774	-13.5	105	-0.02
94 T	Hexachlorobutadiene	50.000	53.916	-7.8	103	-0.02
95 T	Naphthalene	50.000	54.638	-9.3	106	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	56.919	-13.8	104	-0.02

(#) = Out of Range

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