

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
 Data File : VD046859.D
 Acq On : 23 Sep 2015 17:46
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µm/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 03:17:18 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	79	-0.02
2 T	Dichlorodifluoromethane	50.000	51.054	-2.1	80	0.00
3 T	Chlorodifluoromethane	50.000	41.098	17.8	64	0.00
4 P	Chloromethane	50.000	41.825	16.3	69	0.00
5 C	Vinyl Chloride	50.000	46.468	7.1#	75	0.00
6 T	Bromomethane	50.000	56.669	-13.3	85	0.00
7 T	Chloroethane	50.000	57.227	-14.5	92	0.00
8 T	Trichlorofluoromethane	50.000	57.061	-14.1	94	0.00
9 T	Diethyl Ether	50.000	38.708	22.6#	57	0.00
10 T	1,1,2-Trichlorotrifluoroeth	50.000	49.198	1.6	80	-0.02
11 T	Methyl Iodide	50.000	46.994	6.0	72	-0.02
12 T	Tert butyl alcohol	250.000	184.762	26.1#	62	-0.03
13 CM	1,1-Dichloroethene	50.000	47.889	4.2#	75	-0.02
14 T	Acrolein	250.000	244.451	2.2	70	0.00
15 T	Allyl chloride	50.000	45.464	9.1	67	-0.02
16 T	Acrylonitrile	250.000	225.548	9.8	67	-0.02
17 T	Acetone	250.000	222.558	11.0	69	-0.02
18 T	Carbon Disulfide	50.000	42.934	14.1	69	-0.02
19 T	Methyl Acetate	50.000	46.049	7.9	70	-0.02
20 T	Methyl tert-butyl Ether	50.000	50.882	-1.8	72	-0.02
21 T	Methylene Chloride	50.000	46.198	7.6	74	-0.02
22 T	trans-1,2-Dichloroethene	50.000	43.658	12.7	66	-0.02
23 T	Diisopropyl ether	50.000	49.120	1.8	69	-0.02
24 T	Vinyl Acetate	250.000	225.559	9.8	68	-0.02
25 P	1,1-Dichloroethane	50.000	48.389	3.2	75	-0.02
26 T	2-Butanone	250.000	230.657	7.7	68	-0.02
27 T	2,2-Dichloropropane	50.000	53.798	-7.6	85	-0.03
28 T	cis-1,2-Dichloroethene	50.000	50.841	-1.7	76	-0.02
29 T	Bromochloromethane	50.000	48.478	3.0	82	-0.03
30 C	Chloroform	50.000	54.369	-8.7#	85	-0.02
31 T	Cyclohexane	50.000	42.637	14.7	70	-0.02
32 T	1,1,1-Trichloroethane	50.000	55.720	-11.4	89	-0.03
33 S	1,2-Dichloroethane-d4	50.000	50.794	-1.6	76	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	-0.02
35 S	Dibromofluoromethane	50.000	52.269	-4.5	73	-0.03
36 T	1,1-Dichloropropene	50.000	53.541	-7.1	78	-0.03
37 T	Ethyl Acetate	50.000	46.695	6.6	67	-0.03
38 T	Carbon Tetrachloride	50.000	58.335	-16.7	90	-0.03
39 T	Methylcyclohexane	50.000	52.357	-4.7	74	-0.02
40 TM	Benzene	50.000	52.415	-4.8	77	-0.02
41 T	Methacrylonitrile	50.000	53.095	-6.2	71	-0.03
42 TM	1,2-Dichloroethane	50.000	61.127	-22.3#	90	-0.03
43 T	Isopropyl Acetate	50.000	51.449	-2.9	70	-0.03
44 TM	Trichloroethene	50.000	55.426	-10.9	83	-0.03
45 C	1,2-Dichloropropane	50.000	51.942	-3.9#	76	-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	56.923	-13.8	83	-0.02
47 T	Bromodichloromethane	50.000	58.844	-17.7	85	-0.02
48 T	Methyl methacrylate	50.000	51.590	-3.2	71	-0.02
49 T	1,4-Dioxane	1000.000	1033.917	-3.4	78	-0.03
50 S	Toluene-d8	50.000	52.194	-4.4	70	-0.02
51 T	4-Methyl-2-Pentanone	250.000	269.391	-7.8	72	-0.02
52 CM	Toluene	50.000	56.626	-13.3#	80	-0.03
53 T	t-1,3-Dichloropropene	50.000	59.379	-18.8	80	-0.02
54 T	cis-1,3-Dichloropropene	50.000	57.179	-14.4	80	-0.02
55 T	1,1,2-Trichloroethane	50.000	56.151	-12.3	82	-0.02
56 T	Ethyl methacrylate	50.000	50.213	-0.4	75	-0.02
57 T	1,3-Dichloropropane	50.000	56.054	-12.1	80	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	270.269	-8.1	79	-0.03
59 T	2-Hexanone	250.000	267.502	-7.0	71	-0.02
60 T	Dibromochloromethane	50.000	60.000	-20.0	85	-0.03
61 T	1,2-Dibromoethane	50.000	55.630	-11.3	78	-0.02
62 S	4-Bromofluorobenzene	50.000	54.697	-9.4	75	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	-0.02
64 T	Tetrachloroethene	50.000	51.871	-3.7	83	-0.03
65 PM	Chlorobenzene	50.000	50.742	-1.5	80	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	54.778	-9.6	86	-0.02
67 C	Ethyl Benzene	50.000	54.347	-8.7#	82	-0.02
68 T	m/p-Xylenes	100.000	108.154	-8.2	81	-0.02
69 T	o-Xylene	50.000	56.795	-13.6	83	-0.02
70 T	Styrene	50.000	56.930	-13.9	84	-0.02
71 P	Bromoform	50.000	56.819	-13.6	86	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	-0.02
73 T	Isopropylbenzene	50.000	52.749	-5.5	85	-0.02
74 T	N-amyl acetate	50.000	41.452	17.1	71	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.621	2.8	83	-0.02
76 T	1,2,3-Trichloropropane	50.000	49.251	1.5	84	-0.02
77 T	Bromobenzene	50.000	50.220	-0.4	85	-0.02
78 T	n-propylbenzene	50.000	51.972	-3.9	85	-0.02
79 T	2-Chlorotoluene	50.000	51.462	-2.9	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.085	-2.2	84	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	45.363	9.3	81	-0.02
82 T	4-Chlorotoluene	50.000	50.549	-1.1	85	-0.02
83 T	tert-Butylbenzene	50.000	51.992	-4.0	83	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	51.616	-3.2	84	-0.02
85 T	sec-Butylbenzene	50.000	52.385	-4.8	86	-0.02
86 T	p-Isopropyltoluene	50.000	51.770	-3.5	83	-0.02
87 T	1,3-Dichlorobenzene	50.000	50.833	-1.7	86	-0.02
88 T	1,4-Dichlorobenzene	50.000	49.997	0.0	86	0.00
89 T	n-Butylbenzene	50.000	51.270	-2.5	82	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.121	-0.2	85	0.00
91 T	1,2-Dichlorobenzene	50.000	52.049	-4.1	87	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.130	1.7	83	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	53.024	-6.0	85	-0.02
94 T	Hexachlorobutadiene	50.000	48.756	2.5	81	-0.02
95 T	Naphthalene	50.000	49.849	0.3	84	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	51.465	-2.9	82	-0.02

(#) = Out of Range

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