

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046796.D
 Acq On : 18 Sep 2015 22:01
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:08:59 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	70.002	-40.0#	120	0.00
3 T	Chlorodifluoromethane	50.000	47.268	5.5	81	0.00
4 P	Chloromethane	50.000	55.586	-11.2	103	0.00
5 C	Vinyl Chloride	50.000	59.251	-18.5#	107	0.00
6 T	Bromomethane	50.000	64.311	-28.6#	107	0.00
7 T	Chloroethane	50.000	59.907	-19.8	108	0.00
8 T	Trichlorofluoromethane	50.000	59.679	-19.4	110	0.00
9 T	Diethyl Ether	50.000	60.859	-21.7#	100	0.00
10 T	1,1,2-Trichlorotrifluoroeth	50.000	57.854	-15.7	105	0.00
11 T	Methyl Iodide	50.000	61.367	-22.7#	105	0.00
12 T	Tert butyl alcohol	250.000	289.024	-15.6	95	0.00
13 CM	1,1-Dichloroethene	50.000	61.565	-23.1#	108	0.00
14 T	Acrolein	250.000	216.693	13.3	69	0.00
15 T	Allyl chloride	50.000	62.060	-24.1#	103	0.00
16 T	Acrylonitrile	250.000	312.818	-25.1#	104	0.00
17 T	Acetone	250.000	268.813	-7.5	93	0.00
18 T	Carbon Disulfide	50.000	57.646	-15.3	104	0.00
19 T	Methyl Acetate	50.000	62.245	-24.5#	106	0.00
20 T	Methyl tert-butyl Ether	50.000	64.619	-29.2#	102	0.00
21 T	Methylene Chloride	50.000	59.577	-19.2	107	0.00
22 T	trans-1,2-Dichloroethene	50.000	60.614	-21.2#	103	0.00
23 T	Diisopropyl ether	50.000	63.858	-27.7#	101	0.00
24 T	Vinyl Acetate	250.000	282.124	-12.8	96	0.00
25 P	1,1-Dichloroethane	50.000	60.072	-20.1#	104	0.00
26 T	2-Butanone	250.000	302.280	-20.9#	100	0.00
27 T	2,2-Dichloropropane	50.000	59.222	-18.4	104	0.00
28 T	cis-1,2-Dichloroethene	50.000	63.196	-26.4#	106	0.00
29 T	Bromochloromethane	50.000	54.468	-8.9	103	0.00
30 C	Chloroform	50.000	61.731	-23.5#	107	0.00
31 T	Cyclohexane	50.000	58.007	-16.0	107	0.00
32 T	1,1,1-Trichloroethane	50.000	60.305	-20.6#	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.386	-10.8	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	54.615	-9.2	90	0.00
36 T	1,1-Dichloropropene	50.000	59.708	-19.4	104	0.00
37 T	Ethyl Acetate	50.000	58.642	-17.3	100	0.00
38 T	Carbon Tetrachloride	50.000	58.458	-16.9	107	0.00
39 T	Methylcyclohexane	50.000	63.215	-26.4#	105	0.00
40 TM	Benzene	50.000	59.891	-19.8	104	0.00
41 T	Methacrylonitrile	50.000	66.157	-32.3#	106	0.00
42 TM	1,2-Dichloroethane	50.000	61.735	-23.5#	108	0.00
43 T	Isopropyl Acetate	50.000	63.228	-26.5#	102	0.00
44 TM	Trichloroethene	50.000	60.366	-20.7#	107	0.00
45 C	1,2-Dichloropropane	50.000	60.286	-20.6#	104	0.00

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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	60.711	-21.4#	105	0.00
47 T	Bromodichloromethane	50.000	61.882	-23.8#	107	0.00
48 T	Methyl methacrylate	50.000	65.353	-30.7#	106	0.00
49 T	1,4-Dioxane	1000.000	1299.884	-30.0#	116	0.00
50 S	Toluene-d8	50.000	56.249	-12.5	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	327.367	-30.9#	104	0.00
52 CM	Toluene	50.000	61.223	-22.4#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	64.896	-29.8#	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	64.676	-29.4#	108	0.00
55 T	1,1,2-Trichloroethane	50.000	62.960	-25.9#	109	0.00
56 T	Ethyl methacrylate	50.000	57.464	-14.9	103	0.00
57 T	1,3-Dichloropropane	50.000	62.671	-25.3#	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.052	-11.6	97	0.00
59 T	2-Hexanone	250.000	319.058	-27.6#	101	0.00
60 T	Dibromochloromethane	50.000	62.630	-25.3#	105	0.00
61 T	1,2-Dibromoethane	50.000	61.039	-22.1#	102	0.00
62 S	4-Bromofluorobenzene	50.000	56.147	-12.3	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	59.513	-19.0	107	0.00
65 PM	Chlorobenzene	50.000	59.767	-19.5	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	60.038	-20.1#	105	0.00
67 C	Ethyl Benzene	50.000	61.574	-23.1#	103	0.00
68 T	m/p-Xylenes	100.000	124.121	-24.1#	104	0.00
69 T	o-Xylene	50.000	66.091	-32.2#	108	0.00
70 T	Styrene	50.000	63.267	-26.5#	105	0.00
71 P	Bromoform	50.000	64.278	-28.6#	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	61.348	-22.7#	107	0.00
74 T	N-amyl acetate	50.000	52.569	-5.1	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.538	-15.1	106	0.00
76 T	1,2,3-Trichloropropane	50.000	58.667	-17.3	107	0.00
77 T	Bromobenzene	50.000	58.484	-17.0	106	0.00
78 T	n-propylbenzene	50.000	60.047	-20.1#	106	0.00
79 T	2-Chlorotoluene	50.000	59.629	-19.3	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	59.792	-19.6	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.042	-8.1	105	0.00
82 T	4-Chlorotoluene	50.000	58.642	-17.3	107	0.00
83 T	tert-Butylbenzene	50.000	63.283	-26.6#	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	60.174	-20.3#	106	0.00
85 T	sec-Butylbenzene	50.000	60.642	-21.3#	107	0.00
86 T	p-Isopropyltoluene	50.000	59.677	-19.4	104	0.00
87 T	1,3-Dichlorobenzene	50.000	58.557	-17.1	107	0.00
88 T	1,4-Dichlorobenzene	50.000	57.129	-14.3	106	0.00
89 T	n-Butylbenzene	50.000	59.758	-19.5	103	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.994	-18.0	108	0.00
91 T	1,2-Dichlorobenzene	50.000	59.058	-18.1	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.518	-19.0	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	62.349	-24.7#	108	0.00
94 T	Hexachlorobutadiene	50.000	56.895	-13.8	101	0.00
95 T	Naphthalene	50.000	60.825	-21.7#	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	61.933	-23.9#	106	0.00

(#) = Out of Range

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