

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092518\
 Data File : VW005601.D
 Acq On : 25 Sep 2018 10:35
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 25 14:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	57.774	-15.5	114	0.00
3 P	Chloromethane	50.000	48.859	2.3	109	0.00
4 C	Vinyl Chloride	50.000	53.570	-7.1#	112	0.00
5 T	Bromomethane	50.000	50.627	-1.3	107	0.00
6 T	Chloroethane	50.000	50.499	-1.0	108	0.00
7 T	Trichlorofluoromethane	50.000	59.069	-18.1	122	0.00
8 T	Diethyl Ether	50.000	47.011	6.0	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.227	-6.5	112	0.00
10 T	Methyl Iodide	50.000	51.218	-2.4	104	0.00
11 T	Tert butyl alcohol	250.000	242.886	2.8	101	0.03
12 CM	1,1-Dichloroethene	50.000	51.032	-2.1#	107	0.00
13 T	Acrolein	250.000	255.774	-2.3	109	0.00
14 T	Allyl chloride	50.000	50.536	-1.1	102	0.00
15 T	Acrylonitrile	250.000	227.624	9.0	94	0.01
16 T	Acetone	250.000	290.622	-16.2	117	0.02
17 T	Carbon Disulfide	50.000	50.431	-0.9	105	0.00
18 T	Methyl Acetate	50.000	44.271	11.5	94	0.01
19 T	Methyl tert-butyl Ether	50.000	50.626	-1.3	100	0.00
20 T	Methylene Chloride	50.000	50.973	-1.9	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.662	-1.3	102	0.00
22 T	Diisopropyl ether	50.000	50.383	-0.8	97	0.00
23 T	Vinyl Acetate	250.000	247.422	1.0	95	0.00
24 P	1,1-Dichloroethane	50.000	49.877	0.2	100	0.00
25 T	2-Butanone	250.000	227.304	9.1	97	0.00
26 T	2,2-Dichloropropane	50.000	52.153	-4.3	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.464	-0.9	101	0.00
28 T	Bromochloromethane	50.000	44.026	11.9	92	0.00
29 T	Tetrahydrofuran	250.000	226.187	9.5	92	0.00
30 C	Chloroform	50.000	49.253	1.5#	98	0.00
31 T	Cyclohexane	50.000	49.671	0.7	107	0.00
32 T	1,1,1-Trichloroethane	50.000	51.673	-3.3	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.760	8.5	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	51.853	-3.7	97	0.00
36 T	1,1-Dichloropropene	50.000	53.666	-7.3	103	0.00
37 T	Ethyl Acetate	50.000	47.483	5.0	92	0.00
38 T	Carbon Tetrachloride	50.000	54.433	-8.9	105	0.00
39 T	Methylcyclohexane	50.000	56.460	-12.9	109	0.00
40 TM	Benzene	50.000	51.917	-3.8	100	0.00
41 T	Methacrylonitrile	50.000	51.904	-3.8	97	0.00
42 TM	1,2-Dichloroethane	50.000	48.789	2.4	94	0.00
43 T	Isopropyl Acetate	50.000	47.985	4.0	95	0.00
44 TM	Trichloroethene	50.000	53.360	-6.7	104	0.00
45 C	1,2-Dichloropropane	50.000	50.938	-1.9#	97	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.227	1.5	94	0.00
47 T	Bromodichloromethane	50.000	50.639	-1.3	96	0.00
48 T	Methyl methacrylate	50.000	49.399	1.2	93	0.00
49 T	1,4-Dioxane	1000.000	1015.467	-1.5	101	0.02
50 S	Toluene-d8	50.000	53.028	-6.1	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.785	3.7	93	0.00
52 CM	Toluene	50.000	53.926	-7.9#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.836	-5.7	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.853	-7.7	101	0.00
55 T	1,1,2-Trichloroethane	50.000	50.317	-0.6	97	0.00
56 T	Ethyl methacrylate	50.000	52.028	-4.1	95	0.00
57 T	1,3-Dichloropropane	50.000	50.162	-0.3	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.946	-0.8	95	0.00
59 T	2-Hexanone	250.000	259.456	-3.8	98	0.00
60 T	Dibromochloromethane	50.000	52.678	-5.4	100	0.00
61 T	1,2-Dibromoethane	50.000	50.101	-0.2	96	0.00
62 S	4-Bromofluorobenzene	50.000	52.134	-4.3	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	53.890	-7.8	102	0.00
65 PM	Chlorobenzene	50.000	53.868	-7.7	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.072	-8.1	99	0.00
67 C	Ethyl Benzene	50.000	56.440	-12.9#	102	0.00
68 T	m/p-Xylenes	100.000	113.406	-13.4	102	0.00
69 T	o-Xylene	50.000	56.523	-13.0	102	0.00
70 T	Styrene	50.000	55.883	-11.8	98	0.00
71 P	Bromoform	50.000	51.931	-3.9	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	58.538	-17.1	104	0.00
74 T	N-amyl acetate	50.000	51.115	-2.2	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.474	-0.9	94	0.00
76 T	1,2,3-Trichloropropane	50.000	48.836	2.3	96	0.00
77 T	Bromobenzene	50.000	54.084	-8.2	99	0.00
78 T	n-propylbenzene	50.000	57.793	-15.6	103	0.00
79 T	2-Chlorotoluene	50.000	56.049	-12.1	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.527	-15.1	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.923	-3.8	97	0.00
82 T	4-Chlorotoluene	50.000	56.128	-12.3	101	0.00
83 T	tert-Butylbenzene	50.000	58.799	-17.6	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.968	-15.9	101	0.00
85 T	sec-Butylbenzene	50.000	59.359	-18.7	107	0.00
86 T	p-Isopropyltoluene	50.000	59.155	-18.3	105	0.00
87 T	1,3-Dichlorobenzene	50.000	54.462	-8.9	100	0.00
88 T	1,4-Dichlorobenzene	50.000	54.193	-8.4	101	0.00
89 T	n-Butylbenzene	50.000	59.164	-18.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.669	-11.3	103	0.00
91 T	1,2-Dichlorobenzene	50.000	54.009	-8.0	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.484	3.0	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.862	-11.7	101	0.00
94 T	Hexachlorobutadiene	50.000	57.269	-14.5	108	0.00
95 T	Naphthalene	50.000	55.348	-10.7	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.616	-9.2	99	0.00

(#) = Out of Range

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