

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101818\
 Data File : VW006170.D
 Acq On : 18 Oct 2018 12:31
 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: Oct 19 06:42:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 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	48.782	2.4	94	0.00
3 P	Chloromethane	50.000	44.949	10.1	95	0.00
4 C	Vinyl Chloride	50.000	49.643	0.7#	100	0.00
5 T	Bromomethane	50.000	47.540	4.9	100	0.00
6 T	Chloroethane	50.000	46.437	7.1	94	0.00
7 T	Trichlorofluoromethane	50.000	50.146	-0.3	99	0.00
8 T	Diethyl Ether	50.000	42.326	15.3	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.316	-2.6	107	0.00
10 T	Methyl Iodide	50.000	50.772	-1.5	104	0.00
11 T	Tert butyl alcohol	250.000	188.241	24.7#	83	-0.02
12 CM	1,1-Dichloroethene	50.000	50.822	-1.6#	107	0.00
13 T	Acrolein	250.000	228.797	8.5	100	-0.01
14 T	Allyl chloride	50.000	47.945	4.1	100	0.00
15 T	Acrylonitrile	250.000	216.635	13.3	91	0.00
16 T	Acetone	250.000	241.017	3.6	107	-0.01
17 T	Carbon Disulfide	50.000	47.278	5.4	96	0.00
18 T	Methyl Acetate	50.000	40.835	18.3	85	0.00
19 T	Methyl tert-butyl Ether	50.000	44.875	10.3	93	0.00
20 T	Methylene Chloride	50.000	49.872	0.3	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.344	-0.7	104	0.00
22 T	Diisopropyl ether	50.000	47.831	4.3	99	0.00
23 T	Vinyl Acetate	250.000	222.355	11.1	93	0.00
24 P	1,1-Dichloroethane	50.000	49.876	0.2	102	0.00
25 T	2-Butanone	250.000	211.893	15.2	92	0.00
26 T	2,2-Dichloropropane	50.000	49.511	1.0	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.093	-0.2	104	0.00
28 T	Bromochloromethane	50.000	48.152	3.7	93	0.00
29 T	Tetrahydrofuran	250.000	205.907	17.6	88	-0.01
30 C	Chloroform	50.000	49.832	0.3#	104	0.00
31 T	Cyclohexane	50.000	47.725	4.5	105	0.00
32 T	1,1,1-Trichloroethane	50.000	50.422	-0.8	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.989	12.0	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	47.258	5.5	93	0.00
36 T	1,1-Dichloropropene	50.000	52.072	-4.1	106	0.00
37 T	Ethyl Acetate	50.000	41.446	17.1	88	0.00
38 T	Carbon Tetrachloride	50.000	51.279	-2.6	103	0.00
39 T	Methylcyclohexane	50.000	52.059	-4.1	106	0.00
40 TM	Benzene	50.000	51.183	-2.4	104	0.00
41 T	Methacrylonitrile	50.000	42.239	15.5	84	0.00
42 TM	1,2-Dichloroethane	50.000	48.871	2.3	99	0.00
43 T	Isopropyl Acetate	50.000	42.668	14.7	88	0.00
44 TM	Trichloroethene	50.000	52.161	-4.3	106	0.00
45 C	1,2-Dichloropropane	50.000	49.536	0.9#	101	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	48.462	3.1	98	0.00
47 T	Bromodichloromethane	50.000	48.650	2.7	98	0.00
48 T	Methyl methacrylate	50.000	44.551	10.9	89	0.00
49 T	1,4-Dioxane	1000.000	916.211	8.4	90	0.00
50 S	Toluene-d8	50.000	47.591	4.8	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	212.069	15.2	87	0.00
52 CM	Toluene	50.000	51.501	-3.0#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	47.341	5.3	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.593	0.8	99	0.00
55 T	1,1,2-Trichloroethane	50.000	47.462	5.1	96	0.00
56 T	Ethyl methacrylate	50.000	45.505	9.0	92	0.00
57 T	1,3-Dichloropropane	50.000	47.601	4.8	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	218.309	12.7	92	0.00
59 T	2-Hexanone	250.000	214.894	14.0	90	0.00
60 T	Dibromochloromethane	50.000	47.318	5.4	93	0.00
61 T	1,2-Dibromoethane	50.000	47.004	6.0	94	0.00
62 S	4-Bromofluorobenzene	50.000	47.538	4.9	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	52.284	-4.6	104	0.00
65 PM	Chlorobenzene	50.000	51.873	-3.7	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.364	-2.7	99	0.00
67 C	Ethyl Benzene	50.000	52.772	-5.5#	104	0.00
68 T	m/p-Xylenes	100.000	105.796	-5.8	104	0.00
69 T	o-Xylene	50.000	52.760	-5.5	103	0.00
70 T	Styrene	50.000	52.347	-4.7	102	0.00
71 P	Bromoform	50.000	45.147	9.7	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	53.750	-7.5	105	0.00
74 T	N-amyl acetate	50.000	44.562	10.9	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.600	4.8	91	0.00
76 T	1,2,3-Trichloropropane	50.000	44.406	11.2	90	0.00
77 T	Bromobenzene	50.000	51.973	-3.9	100	0.00
78 T	n-propylbenzene	50.000	53.741	-7.5	104	0.00
79 T	2-Chlorotoluene	50.000	53.118	-6.2	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.307	-6.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.181	13.6	82	0.00
82 T	4-Chlorotoluene	50.000	52.711	-5.4	102	0.00
83 T	tert-Butylbenzene	50.000	53.904	-7.8	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.304	-6.6	103	0.00
85 T	sec-Butylbenzene	50.000	54.173	-8.3	104	0.00
86 T	p-Isopropyltoluene	50.000	54.251	-8.5	103	0.00
87 T	1,3-Dichlorobenzene	50.000	52.983	-6.0	103	0.00
88 T	1,4-Dichlorobenzene	50.000	51.940	-3.9	101	0.00
89 T	n-Butylbenzene	50.000	54.157	-8.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.610	-1.2	94	0.00
91 T	1,2-Dichlorobenzene	50.000	51.251	-2.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.958	16.1	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.304	-2.6	102	0.00
94 T	Hexachlorobutadiene	50.000	54.188	-8.4	106	0.00
95 T	Naphthalene	50.000	47.709	4.6	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.237	-0.5	99	0.00

(#) = Out of Range

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