

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112218\
 Data File : VW007016.D
 Acq On : 21 Nov 2018 22:38
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 22 05:55:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	51.307	-2.6	93	0.00
3 P	Chloromethane	50.000	55.071	-10.1	95	0.00
4 C	Vinyl Chloride	50.000	54.097	-8.2#	92	0.00
5 T	Bromomethane	50.000	56.487	-13.0	90	0.00
6 T	Chloroethane	50.000	55.554	-11.1	92	0.00
7 T	Trichlorofluoromethane	50.000	51.978	-4.0	94	0.00
8 T	Diethyl Ether	50.000	55.477	-11.0	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.864	0.3	94	0.00
10 T	Methyl Iodide	50.000	58.879	-17.8	96	0.00
11 T	Tert butyl alcohol	250.000	320.931	-28.4#	121	0.00
12 CM	1,1-Dichloroethene	50.000	52.380	-4.8#	95	0.00
13 T	Acrolein	250.000	265.301	-6.1	102	0.00
14 T	Allyl chloride	50.000	54.336	-8.7	98	0.00
15 T	Acrylonitrile	250.000	310.167	-24.1#	105	0.00
16 T	Acetone	250.000	303.683	-21.5#	106	0.00
17 T	Carbon Disulfide	50.000	55.388	-10.8	97	0.00
18 T	Methyl Acetate	50.000	56.548	-13.1	108	0.00
19 T	Methyl tert-butyl Ether	50.000	59.760	-19.5	105	0.00
20 T	Methylene Chloride	50.000	56.546	-13.1	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.930	-5.9	98	0.00
22 T	Diisopropyl ether	50.000	57.675	-15.3	103	0.00
23 T	Vinyl Acetate	250.000	303.496	-21.4#	105	0.00
24 P	1,1-Dichloroethane	50.000	53.920	-7.8	98	0.00
25 T	2-Butanone	250.000	305.163	-22.1#	107	0.00
26 T	2,2-Dichloropropane	50.000	51.120	-2.2	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.641	-11.3	101	0.00
28 T	Bromochloromethane	50.000	53.193	-6.4	95	0.00
29 T	Tetrahydrofuran	250.000	303.979	-21.6#	106	0.00
30 C	Chloroform	50.000	53.637	-7.3#	99	0.00
31 T	Cyclohexane	50.000	49.375	1.3	92	0.00
32 T	1,1,1-Trichloroethane	50.000	53.270	-6.5	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.978	-2.0	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	50.264	-0.5	90	0.00
36 T	1,1-Dichloropropene	50.000	53.500	-7.0	97	0.00
37 T	Ethyl Acetate	50.000	60.216	-20.4#	109	0.00
38 T	Carbon Tetrachloride	50.000	52.738	-5.5	96	0.00
39 T	Methylcyclohexane	50.000	52.620	-5.2	94	0.00
40 TM	Benzene	50.000	56.224	-12.4	100	0.00
41 T	Methacrylonitrile	50.000	58.423	-16.8	106	0.00
42 TM	1,2-Dichloroethane	50.000	55.081	-10.2	102	0.00
43 T	Isopropyl Acetate	50.000	61.458	-22.9#	109	0.00
44 TM	Trichloroethene	50.000	55.982	-12.0	100	0.00
45 C	1,2-Dichloropropane	50.000	56.473	-12.9#	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	57.774	-15.5	104	0.00
47 T	Bromodichloromethane	50.000	56.189	-12.4	103	0.00
48 T	Methyl methacrylate	50.000	62.430	-24.9#	108	0.00
49 T	1,4-Dioxane	1000.000	1273.956	-27.4#	107	0.00
50 S	Toluene-d8	50.000	51.051	-2.1	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	311.011	-24.4#	108	0.00
52 CM	Toluene	50.000	57.146	-14.3#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	58.947	-17.9	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.475	-15.0	101	0.00
55 T	1,1,2-Trichloroethane	50.000	57.085	-14.2	104	0.00
56 T	Ethyl methacrylate	50.000	63.532	-27.1#	107	0.00
57 T	1,3-Dichloropropane	50.000	58.885	-17.8	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.107	-0.4	94	0.00
59 T	2-Hexanone	250.000	319.750	-27.9#	105	0.00
60 T	Dibromochloromethane	50.000	60.081	-20.2#	106	0.00
61 T	1,2-Dibromoethane	50.000	60.733	-21.5#	107	0.00
62 S	4-Bromofluorobenzene	50.000	50.734	-1.5	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	56.710	-13.4	101	0.00
65 PM	Chlorobenzene	50.000	56.537	-13.1	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.303	-14.6	104	0.00
67 C	Ethyl Benzene	50.000	55.477	-11.0#	99	0.00
68 T	m/p-Xylenes	100.000	110.402	-10.4	98	0.00
69 T	o-Xylene	50.000	55.745	-11.5	98	0.00
70 T	Styrene	50.000	57.265	-14.5	100	0.00
71 P	Bromoform	50.000	61.417	-22.8#	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	55.113	-10.2	98	0.00
74 T	N-amyl acetate	50.000	63.498	-27.0#	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	60.319	-20.6#	109	0.00
76 T	1,2,3-Trichloropropane	50.000	61.128	-22.3#	131	0.00
77 T	Bromobenzene	50.000	57.518	-15.0	103	0.00
78 T	n-propylbenzene	50.000	54.374	-8.7	97	0.00
79 T	2-Chlorotoluene	50.000	55.352	-10.7	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.017	-10.0	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.755	-19.5	104	0.00
82 T	4-Chlorotoluene	50.000	55.073	-10.1	98	0.00
83 T	tert-Butylbenzene	50.000	54.576	-9.2	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.725	-11.5	98	0.00
85 T	sec-Butylbenzene	50.000	54.158	-8.3	96	0.00
86 T	p-Isopropyltoluene	50.000	54.494	-9.0	97	0.00
87 T	1,3-Dichlorobenzene	50.000	55.909	-11.8	99	0.00
88 T	1,4-Dichlorobenzene	50.000	56.326	-12.7	101	0.00
89 T	n-Butylbenzene	50.000	54.810	-9.6	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.385	-12.8	102	0.00
91 T	1,2-Dichlorobenzene	50.000	57.038	-14.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.246	-26.5#	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.963	-11.9	98	0.00
94 T	Hexachlorobutadiene	50.000	54.532	-9.1	97	0.00
95 T	Naphthalene	50.000	59.829	-19.7	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.079	-16.2	102	0.00

(#) = Out of Range

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