

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW091118\
 Data File : VW005292.D
 Acq On : 11 Sep 2018 23:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	44.103	11.8	98	0.00
3 P	Chloromethane	50.000	51.748	-3.5	110	0.00
4 C	Vinyl Chloride	50.000	52.361	-4.7#	110	0.00
5 T	Bromomethane	50.000	59.358	-18.7	116	-0.01
6 T	Chloroethane	50.000	53.596	-7.2	112	0.00
7 T	Trichlorofluoromethane	50.000	48.092	3.8	105	0.00
8 T	Diethyl Ether	50.000	54.219	-8.4	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.301	5.4	102	0.00
10 T	Methyl Iodide	50.000	42.307	15.4	84	0.00
11 T	Tert butyl alcohol	250.000	302.513	-21.0#	132	0.00
12 CM	1,1-Dichloroethene	50.000	48.479	3.0#	103	0.00
13 T	Acrolein	250.000	265.508	-6.2	115	0.00
14 T	Allyl chloride	50.000	52.277	-4.6	110	0.00
15 T	Acrylonitrile	250.000	300.236	-20.1#	124	0.00
16 T	Acetone	250.000	292.746	-17.1	124	0.00
17 T	Carbon Disulfide	50.000	53.270	-6.5	111	0.00
18 T	Methyl Acetate	50.000	62.059	-24.1#	133	0.00
19 T	Methyl tert-butyl Ether	50.000	56.857	-13.7	118	0.00
20 T	Methylene Chloride	50.000	54.872	-9.7	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.465	1.1	107	0.00
22 T	Diisopropyl ether	50.000	58.568	-17.1	118	0.00
23 T	Vinyl Acetate	250.000	286.734	-14.7	117	0.00
24 P	1,1-Dichloroethane	50.000	53.008	-6.0	115	0.00
25 T	2-Butanone	250.000	299.347	-19.7	126	0.00
26 T	2,2-Dichloropropane	50.000	45.625	8.8	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.983	-4.0	111	0.00
28 T	Bromochloromethane	50.000	56.889	-13.8	118	0.00
29 T	Tetrahydrofuran	250.000	301.872	-20.7#	124	0.00
30 C	Chloroform	50.000	51.979	-4.0#	110	0.00
31 T	Cyclohexane	50.000	50.311	-0.6	103	0.00
32 T	1,1,1-Trichloroethane	50.000	50.090	-0.2	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.146	-12.3	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	53.823	-7.6	108	0.00
36 T	1,1-Dichloropropene	50.000	50.667	-1.3	106	0.00
37 T	Ethyl Acetate	50.000	56.800	-13.6	125	0.00
38 T	Carbon Tetrachloride	50.000	47.552	4.9	101	0.00
39 T	Methylcyclohexane	50.000	48.815	2.4	99	0.00
40 TM	Benzene	50.000	53.460	-6.9	109	0.00
41 T	Methacrylonitrile	50.000	62.588	-25.2#	124	0.00
42 TM	1,2-Dichloroethane	50.000	51.573	-3.1	113	0.00
43 T	Isopropyl Acetate	50.000	59.654	-19.3	125	0.00
44 TM	Trichloroethene	50.000	50.156	-0.3	104	0.00
45 C	1,2-Dichloropropane	50.000	54.495	-9.0#	112	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	51.626	-3.3	113	0.00
47 T	Bromodichloromethane	50.000	51.189	-2.4	108	0.00
48 T	Methyl methacrylate	50.000	58.464	-16.9	116	0.00
49 T	1,4-Dioxane	1000.000	1264.915	-26.5#	123	0.00
50 S	Toluene-d8	50.000	53.651	-7.3	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	301.834	-20.7#	123	0.00
52 CM	Toluene	50.000	51.102	-2.2#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	52.203	-4.4	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.283	-2.6	107	0.00
55 T	1,1,2-Trichloroethane	50.000	51.956	-3.9	111	0.00
56 T	Ethyl methacrylate	50.000	58.122	-16.2	116	0.00
57 T	1,3-Dichloropropane	50.000	53.705	-7.4	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	300.210	-20.1#	125	0.00
59 T	2-Hexanone	250.000	296.830	-18.7	120	0.00
60 T	Dibromochloromethane	50.000	52.653	-5.3	110	0.00
61 T	1,2-Dibromoethane	50.000	53.393	-6.8	112	0.00
62 S	4-Bromofluorobenzene	50.000	54.059	-8.1	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	53.298	-6.6	111	0.00
65 PM	Chlorobenzene	50.000	51.607	-3.2	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.285	-0.6	105	0.00
67 C	Ethyl Benzene	50.000	51.656	-3.3#	105	0.00
68 T	m/p-Xylenes	100.000	102.251	-2.3	105	0.00
69 T	o-Xylene	50.000	51.628	-3.3	104	0.00
70 T	Styrene	50.000	53.114	-6.2	106	0.00
71 P	Bromoform	50.000	53.034	-6.1	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	51.976	-4.0	102	0.00
74 T	N-amyl acetate	50.000	60.930	-21.9#	120	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.152	-14.3	116	0.00
76 T	1,2,3-Trichloropropane	50.000	53.922	-7.8	115	0.00
77 T	Bromobenzene	50.000	52.857	-5.7	108	0.00
78 T	n-propylbenzene	50.000	52.236	-4.5	105	0.00
79 T	2-Chlorotoluene	50.000	52.495	-5.0	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.496	-5.0	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.561	-7.1	106	0.00
82 T	4-Chlorotoluene	50.000	52.276	-4.6	106	0.00
83 T	tert-Butylbenzene	50.000	51.029	-2.1	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.493	-7.0	108	0.00
85 T	sec-Butylbenzene	50.000	51.653	-3.3	103	0.00
86 T	p-Isopropyltoluene	50.000	51.606	-3.2	102	0.00
87 T	1,3-Dichlorobenzene	50.000	51.452	-2.9	105	0.00
88 T	1,4-Dichlorobenzene	50.000	51.216	-2.4	107	0.00
89 T	n-Butylbenzene	50.000	50.905	-1.8	101	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	50.800	-1.6	103	0.00
91 T	1,2-Dichlorobenzene	50.000	52.563	-5.1	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.457	-14.9	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.883	-1.8	104	0.00
94 T	Hexachlorobutadiene	50.000	47.682	4.6	97	0.00
95 T	Naphthalene	50.000	56.781	-13.6	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.910	-3.8	104	0.00

(#) = Out of Range

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