

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW091718\
 Data File : VW005447.D
 Acq On : 17 Sep 2018 21:24
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 18 02:16:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 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	126	0.00
2 T	Dichlorodifluoromethane	50.000	47.116	5.8	119	0.00
3 P	Chloromethane	50.000	48.118	3.8	132	0.00
4 C	Vinyl Chloride	50.000	46.060	7.9#	124	0.00
5 T	Bromomethane	50.000	45.941	8.1	115	0.00
6 T	Chloroethane	50.000	44.395	11.2	117	0.00
7 T	Trichlorofluoromethane	50.000	42.227	15.5	115	0.00
8 T	Diethyl Ether	50.000	48.817	2.4	132	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.407	9.2	125	0.00
10 T	Methyl Iodide	50.000	45.078	9.8	114	0.00
11 T	Tert butyl alcohol	250.000	250.805	-0.3	133	0.00
12 CM	1,1-Dichloroethene	50.000	46.502	7.0#	127	0.00
13 T	Acrolein	250.000	258.580	-3.4	143	0.00
14 T	Allyl chloride	50.000	52.255	-4.5	138	0.00
15 T	Acrylonitrile	250.000	258.610	-3.4	136	0.00
16 T	Acetone	250.000	273.462	-9.4	136	0.00
17 T	Carbon Disulfide	50.000	46.097	7.8	125	0.00
18 T	Methyl Acetate	50.000	51.074	-2.1	136	0.00
19 T	Methyl tert-butyl Ether	50.000	50.213	-0.4	129	0.00
20 T	Methylene Chloride	50.000	53.548	-7.1	130	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.122	5.8	129	0.00
22 T	Diisopropyl ether	50.000	54.798	-9.6	136	0.00
23 T	Vinyl Acetate	250.000	269.860	-7.9	135	0.00
24 P	1,1-Dichloroethane	50.000	48.419	3.2	129	0.00
25 T	2-Butanone	250.000	266.397	-6.6	140	0.00
26 T	2,2-Dichloropropane	50.000	46.895	6.2	125	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.671	4.7	128	0.00
28 T	Bromochloromethane	50.000	52.928	-5.9	145	0.00
29 T	Tetrahydrofuran	250.000	271.057	-8.4	140	0.00
30 C	Chloroform	50.000	46.362	7.3#	125	0.00
31 T	Cyclohexane	50.000	49.875	0.3	136	0.00
32 T	1,1,1-Trichloroethane	50.000	46.289	7.4	120	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.793	12.4	117	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	128	0.00
35 S	Dibromofluoromethane	50.000	45.178	9.6	120	0.00
36 T	1,1-Dichloropropene	50.000	47.871	4.3	126	0.00
37 T	Ethyl Acetate	50.000	50.654	-1.3	136	0.00
38 T	Carbon Tetrachloride	50.000	44.791	10.4	120	0.00
39 T	Methylcyclohexane	50.000	51.439	-2.9	132	0.00
40 TM	Benzene	50.000	48.664	2.7	127	0.00
41 T	Methacrylonitrile	50.000	52.122	-4.2	138	0.00
42 TM	1,2-Dichloroethane	50.000	43.605	12.8	118	0.00
43 T	Isopropyl Acetate	50.000	52.052	-4.1	137	0.00
44 TM	Trichloroethene	50.000	46.777	6.4	124	0.00
45 C	1,2-Dichloropropane	50.000	51.490	-3.0#	136	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	47.144	5.7	126	0.00
47 T	Bromodichloromethane	50.000	47.688	4.6	125	0.00
48 T	Methyl methacrylate	50.000	54.043	-8.1	136	0.00
49 T	1,4-Dioxane	1000.000	1051.845	-5.2	132	0.00
50 S	Toluene-d8	50.000	48.641	2.7	124	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.149	-8.5	137	0.00
52 CM	Toluene	50.000	49.543	0.9#	126	0.00
53 T	t-1,3-Dichloropropene	50.000	49.910	0.2	129	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.486	-1.0	132	0.00
55 T	1,1,2-Trichloroethane	50.000	47.850	4.3	131	0.00
56 T	Ethyl methacrylate	50.000	54.174	-8.3	134	0.00
57 T	1,3-Dichloropropane	50.000	49.768	0.5	130	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.729	-11.5	146	0.00
59 T	2-Hexanone	250.000	281.940	-12.8	137	0.00
60 T	Dibromochloromethane	50.000	47.081	5.8	124	0.00
61 T	1,2-Dibromoethane	50.000	48.607	2.8	128	0.00
62 S	4-Bromofluorobenzene	50.000	49.253	1.5	123	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	126	0.00
64 T	Tetrachloroethene	50.000	48.096	3.8	123	0.00
65 PM	Chlorobenzene	50.000	48.917	2.2	126	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.675	4.7	122	0.00
67 C	Ethyl Benzene	50.000	51.093	-2.2#	127	0.00
68 T	m/p-Xylenes	100.000	100.917	-0.9	125	0.00
69 T	o-Xylene	50.000	51.328	-2.7	127	0.00
70 T	Styrene	50.000	51.844	-3.7	126	0.00
71 P	Bromoform	50.000	47.895	4.2	122	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	124	0.00
73 T	Isopropylbenzene	50.000	51.569	-3.1	127	0.00
74 T	N-amyl acetate	50.000	56.989	-14.0	139	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.185	-6.4	135	0.00
76 T	1,2,3-Trichloropropane	50.000	47.254	5.5	130	0.00
77 T	Bromobenzene	50.000	48.776	2.4	122	0.00
78 T	n-propylbenzene	50.000	52.301	-4.6	128	0.00
79 T	2-Chlorotoluene	50.000	50.960	-1.9	126	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.188	-2.4	123	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.365	-4.7	129	0.00
82 T	4-Chlorotoluene	50.000	50.336	-0.7	124	0.00
83 T	tert-Butylbenzene	50.000	51.816	-3.6	125	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.227	-2.5	123	0.00
85 T	sec-Butylbenzene	50.000	51.743	-3.5	126	0.00
86 T	p-Isopropyltoluene	50.000	51.720	-3.4	124	0.00
87 T	1,3-Dichlorobenzene	50.000	49.150	1.7	124	0.00
88 T	1,4-Dichlorobenzene	50.000	49.239	1.5	123	0.00
89 T	n-Butylbenzene	50.000	53.008	-6.0	127	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.859	0.3	123	0.00
91 T	1,2-Dichlorobenzene	50.000	50.264	-0.5	124	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.551	0.9	127	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.457	-4.9	124	0.00
94 T	Hexachlorobutadiene	50.000	49.639	0.7	120	0.00
95 T	Naphthalene	50.000	54.445	-8.9	129	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.919	-3.8	125	0.00

(#) = Out of Range

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