

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF070518\
 Data File : VF059427.D
 Acq On : 5 Jul 2018 11:43
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 06 05:08:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	101	-0.03
2 T	Dichlorodifluoromethane	50.000	47.650	4.7	96	0.00
3 P	Chloromethane	50.000	43.048	13.9	93	0.00
4 C	Vinyl Chloride	50.000	44.957	10.1#	93	0.00
5 T	Bromomethane	50.000	46.275	7.5	80	0.00
6 T	Chloroethane	50.000	42.110	15.8	86	-0.02
7 T	Trichlorofluoromethane	50.000	53.243	-6.5	104	0.02
8 T	Diethyl Ether	50.000	47.142	5.7	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.720	10.6	94	-0.02
10 T	Methyl Iodide	50.000	42.611	14.8	87	-0.02
11 T	Tert butyl alcohol	250.000	249.618	0.2	99	0.00
12 CM	1,1-Dichloroethene	50.000	52.264	-4.5#	106	-0.02
13 T	Acrolein	250.000	259.619	-3.8	103	0.00
14 T	Allyl chloride	50.000	47.066	5.9	94	-0.02
15 T	Acrylonitrile	250.000	243.574	2.6	99	-0.02
16 T	Acetone	250.000	292.799	-17.1	108	0.00
17 T	Carbon Disulfide	50.000	43.684	12.6	89	0.02
18 T	Methyl Acetate	50.000	61.969	-23.9	121	-0.02
19 T	Methyl tert-butyl Ether	50.000	52.501	-5.0	108	0.00
20 T	Methylene Chloride	50.000	43.704	12.6	91	0.03
21 T	trans-1,2-Dichloroethene	50.000	48.118	3.8	103	-0.02
22 T	Diisopropyl ether	50.000	52.243	-4.5	107	0.00
23 T	Vinyl Acetate	250.000	249.916	0.0	98	-0.03
24 P	1,1-Dichloroethane	50.000	49.314	1.4	102	-0.02
25 T	2-Butanone	250.000	278.427	-11.4	107	-0.03
26 T	2,2-Dichloropropane	50.000	51.704	-3.4	105	-0.03
27 T	cis-1,2-Dichloroethene	50.000	48.302	3.4	101	-0.03
28 T	Bromochloromethane	50.000	47.728	4.5	92	-0.03
29	Tetrahydrofuran	250.000	260.064	-4.0	100	-0.02
30 C	Chloroform	50.000	51.202	-2.4#	106	-0.03
31 T	Cyclohexane	50.000	43.305	13.4	90	-0.03
32 T	1,1,1-Trichloroethane	50.000	47.168	5.7	97	-0.03
33 S	1,2-Dichloroethane-d4	50.000	49.646	0.7	106	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	-0.03
35 S	Dibromofluoromethane	50.000	50.294	-0.6	104	-0.03
36 T	1,1-Dichloropropene	50.000	51.007	-2.0	106	-0.04
37 T	Ethyl Acetate	50.000	54.865	-9.7	100	-0.02
38 T	Carbon Tetrachloride	50.000	52.568	-5.1	106	-0.03
39 T	Methylcyclohexane	50.000	46.222	7.6	94	-0.03
40 TM	Benzene	50.000	46.997	6.0	97	-0.03
41 T	Methacrylonitrile	50.000	49.822	0.4	97	-0.04
42 TM	1,2-Dichloroethane	50.000	52.632	-5.3	104	-0.03
43 T	Isopropyl Acetate	50.000	52.695	-5.4	103	-0.03
44 TM	Trichloroethene	50.000	49.508	1.0	102	-0.03
45 C	1,2-Dichloropropane	50.000	50.570	-1.1#	104	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.307	-6.6	101	-0.03
47 T	Bromodichloromethane	50.000	54.309	-8.6	105	-0.03
48 T	Methyl methacrylate	50.000	55.667	-11.3	106	-0.03
49 T	1,4-Dioxane	1000.000	1112.206	-11.2	101	-0.03
50 S	Toluene-d8	50.000	48.104	3.8	97	-0.03
51 T	4-Methyl-2-Pentanone	250.000	258.747	-3.5	100	-0.02
52 CM	Toluene	50.000	47.785	4.4#	96	-0.03
53 T	t-1,3-Dichloropropene	50.000	52.026	-4.1	102	-0.03
54 T	cis-1,3-Dichloropropene	50.000	52.208	-4.4	98	-0.03
55 T	1,1,2-Trichloroethane	50.000	52.395	-4.8	99	-0.03
56 T	Ethyl methacrylate	50.000	51.045	-2.1	95	-0.02
57 T	1,3-Dichloropropane	50.000	51.429	-2.9	101	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	249.862	0.1	99	-0.03
59 T	2-Hexanone	250.000	298.315	-19.3	103	-0.03
60 T	Dibromochloromethane	50.000	55.944	-11.9	102	-0.03
61 T	1,2-Dibromoethane	50.000	48.911	2.2	92	-0.03
62 S	4-Bromofluorobenzene	50.000	48.438	3.1	100	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	-0.03
64 T	Tetrachloroethene	50.000	53.528	-7.1	102	-0.03
65 PM	Chlorobenzene	50.000	49.953	0.1	99	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	53.627	-7.3	105	-0.03
67 C	Ethyl Benzene	50.000	51.935	-3.9#	105	-0.03
68 T	m/p-Xylenes	100.000	104.030	-4.0	104	-0.03
69 T	o-Xylene	50.000	49.686	0.6	97	-0.02
70 T	Styrene	50.000	50.457	-0.9	98	-0.02
71 P	Bromoform	50.000	56.390	-12.8	105	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	-0.02
73 T	Isopropylbenzene	50.000	56.773	-13.5	105	-0.02
74 T	N-amyl acetate	50.000	55.608	-11.2	102	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.398	-2.8	93	-0.02
76 T	1,2,3-Trichloropropane	50.000	54.767	-9.5	102	-0.02
77 T	Bromobenzene	50.000	52.934	-5.9	100	-0.02
78 T	n-propylbenzene	50.000	51.982	-4.0	102	-0.02
79 T	2-Chlorotoluene	50.000	51.904	-3.8	102	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	54.101	-8.2	104	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	54.944	-9.9	100	-0.02
82 T	4-Chlorotoluene	50.000	52.803	-5.6	100	-0.03
83 T	tert-Butylbenzene	50.000	55.419	-10.8	103	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	53.345	-6.7	101	-0.02
85 T	sec-Butylbenzene	50.000	54.247	-8.5	102	-0.02
86 T	p-Isopropyltoluene	50.000	56.260	-12.5	106	-0.02
87 T	1,3-Dichlorobenzene	50.000	58.600	-17.2	101	-0.02
88 T	1,4-Dichlorobenzene	50.000	53.154	-6.3	103	-0.02
89 T	n-Butylbenzene	50.000	55.472	-10.9	109	-0.02

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90 T	Hexachloroethane	50.000	53.975	-8.0	102	-0.02
91 T	1,2-Dichlorobenzene	50.000	53.122	-6.2	99	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.704	-15.4	101	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	57.192	-14.4	104	-0.02
94 T	Hexachlorobutadiene	50.000	61.046	-22.1	114	-0.02
95 T	Naphthalene	50.000	58.724	-17.4	101	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	58.973	-17.9	104	0.00

(#) = Out of Range

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