

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF012319\
 Data File : VF061478.D
 Acq On : 23 Jan 2019 10:29
 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: Jan 24 03:05:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 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	106	-0.01
2 T	Dichlorodifluoromethane	50.000	48.432	3.1	101	0.00
3 P	Chloromethane	50.000	54.481	-9.0	125	0.00
4 C	Vinyl Chloride	50.000	52.406	-4.8#	118	0.00
5 T	Bromomethane	50.000	52.301	-4.6	109	-0.03
6 T	Chloroethane	50.000	54.275	-8.5	108	-0.01
7 T	Trichlorofluoromethane	50.000	47.311	5.4	104	0.00
8 T	Diethyl Ether	50.000	51.080	-2.2	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.483	-1.0	113	-0.01
10 T	Methyl Iodide	50.000	52.307	-4.6	111	-0.02
11 T	Tert butyl alcohol	250.000	229.804	8.1	100	0.00
12 CM	1,1-Dichloroethene	50.000	54.541	-9.1#	121	-0.01
13 T	Acrolein	250.000	256.285	-2.5	108	0.00
14 T	Allyl chloride	50.000	80.697	-61.4#	164	0.00
15 T	Acrylonitrile	250.000	266.435	-6.6	125	0.00
16 T	Acetone	250.000	342.045	-36.8#	150	0.00
17 T	Carbon Disulfide	50.000	54.208	-8.4	117	-0.03
18 T	Methyl Acetate	50.000	45.448	9.1	103	0.00
19 T	Methyl tert-butyl Ether	50.000	47.505	5.0	101	-0.01
20 T	Methylene Chloride	50.000	53.692	-7.4	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.601	2.8	112	-0.01
22 T	Diisopropyl ether	50.000	51.878	-3.8	110	0.00
23 T	Vinyl Acetate	250.000	263.077	-5.2	101	0.00
24 P	1,1-Dichloroethane	50.000	50.518	-1.0	108	0.00
25 T	2-Butanone	250.000	276.236	-10.5	120	-0.01
26 T	2,2-Dichloropropane	50.000	51.818	-3.6	122	-0.01
27 T	cis-1,2-Dichloroethene	50.000	51.179	-2.4	108	0.00
28 T	Bromochloromethane	50.000	46.081	7.8	105	-0.01
29	Tetrahydrofuran	250.000	227.004	9.2	93	-0.01
30 C	Chloroform	50.000	51.954	-3.9#	109	0.00
31 T	Cyclohexane	50.000	49.728	0.5	110	0.00
32 T	1,1,1-Trichloroethane	50.000	50.032	-0.1	126	-0.01
33 S	1,2-Dichloroethane-d4	50.000	45.928	8.1	95	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	-0.01
35 S	Dibromofluoromethane	50.000	50.481	-1.0	105	-0.01
36 T	1,1-Dichloropropene	50.000	50.780	-1.6	106	-0.01
37 T	Ethyl Acetate	50.000	44.496	11.0	94	0.00
38 T	Carbon Tetrachloride	50.000	52.386	-4.8	119	0.00
39 T	Methylcyclohexane	50.000	52.539	-5.1	122	-0.01
40 TM	Benzene	50.000	49.485	1.0	109	-0.01
41 T	Methacrylonitrile	50.000	46.742	6.5	103	-0.01
42 TM	1,2-Dichloroethane	50.000	46.601	6.8	94	-0.01
43 T	Isopropyl Acetate	50.000	48.410	3.2	100	-0.01
44 TM	Trichloroethene	50.000	52.559	-5.1	111	-0.01
45 C	1,2-Dichloropropane	50.000	51.760	-3.5#	105	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.208	3.6	96	-0.01
47 T	Bromodichloromethane	50.000	50.603	-1.2	105	-0.01
48 T	Methyl methacrylate	50.000	48.025	4.0	99	-0.01
49 T	1,4-Dioxane	1000.000	1011.951	-1.2	89	-0.01
50 S	Toluene-d8	50.000	50.722	-1.4	108	-0.01
51 T	4-Methyl-2-Pentanone	250.000	227.797	8.9	96	-0.01
52 CM	Toluene	50.000	50.597	-1.2#	109	-0.01
53 T	t-1,3-Dichloropropene	50.000	48.025	4.0	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.385	-12.8	107	-0.01
55 T	1,1,2-Trichloroethane	50.000	50.598	-1.2	103	-0.01
56 T	Ethyl methacrylate	50.000	46.714	6.6	97	-0.01
57 T	1,3-Dichloropropane	50.000	48.199	3.6	96	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	223.896	10.4	90	-0.01
59 T	2-Hexanone	250.000	288.402	-15.4	121	-0.01
60 T	Dibromochloromethane	50.000	50.312	-0.6	100	-0.01
61 T	1,2-Dibromoethane	50.000	46.531	6.9	94	-0.01
62 S	4-Bromofluorobenzene	50.000	48.040	3.9	102	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	-0.01
64 T	Tetrachloroethene	50.000	51.342	-2.7	99	-0.01
65 PM	Chlorobenzene	50.000	50.636	-1.3	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.782	-5.6	106	-0.01
67 C	Ethyl Benzene	50.000	53.000	-6.0#	110	-0.01
68 T	m/p-Xylenes	100.000	102.295	-2.3	105	-0.01
69 T	o-Xylene	50.000	54.298	-8.6	111	-0.01
70 T	Styrene	50.000	50.783	-1.6	109	-0.01
71 P	Bromoform	50.000	50.940	-1.9	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	-0.01
73 T	Isopropylbenzene	50.000	55.900	-11.8	105	-0.01
74 T	N-amyl acetate	50.000	53.761	-7.5	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.612	-3.2	100	0.00
76 T	1,2,3-Trichloropropane	50.000	51.819	-3.6	99	-0.01
77 T	Bromobenzene	50.000	54.490	-9.0	101	-0.01
78 T	n-propylbenzene	50.000	55.089	-10.2	108	-0.01
79 T	2-Chlorotoluene	50.000	54.367	-8.7	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.382	-8.8	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.202	-2.4	89	-0.01
82 T	4-Chlorotoluene	50.000	51.918	-3.8	101	-0.01
83 T	tert-Butylbenzene	50.000	55.386	-10.8	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.258	-4.5	103	-0.01
85 T	sec-Butylbenzene	50.000	55.568	-11.1	105	0.00
86 T	p-Isopropyltoluene	50.000	53.500	-7.0	105	-0.01
87 T	1,3-Dichlorobenzene	50.000	49.016	2.0	101	0.00
88 T	1,4-Dichlorobenzene	50.000	52.492	-5.0	100	0.00
89 T	n-Butylbenzene	50.000	53.230	-6.5	104	-0.01

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90 T	Hexachloroethane	50.000	57.654	-15.3	109	-0.01
91 T	1,2-Dichlorobenzene	50.000	51.036	-2.1	97	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.655	-3.3	95	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	51.549	-3.1	98	0.00
94 T	Hexachlorobutadiene	50.000	56.796	-13.6	107	0.00
95 T	Naphthalene	50.000	48.476	3.0	89	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	50.221	-0.4	94	-0.01

(#) = Out of Range

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