

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF030119\
 Data File : VF061801.D
 Acq On : 1 Mar 2019 12:59
 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: Mar 02 02:51:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 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	105	-0.03
2 T	Dichlorodifluoromethane	50.000	45.576	8.8	106	0.00
3 P	Chloromethane	50.000	46.414	7.2	100	0.00
4 C	Vinyl Chloride	50.000	50.633	-1.3#	111	0.00
5 T	Bromomethane	50.000	53.108	-6.2	109	0.02
6 T	Chloroethane	50.000	48.706	2.6	105	-0.01
7 T	Trichlorofluoromethane	50.000	54.234	-8.5	119	-0.01
8 T	Diethyl Ether	50.000	48.718	2.6	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.404	5.2	105	-0.01
10 T	Methyl Iodide	50.000	48.288	3.4	102	-0.01
11 T	Tert butyl alcohol	250.000	257.244	-2.9	111	-0.01
12 CM	1,1-Dichloroethene	50.000	47.579	4.8#	103	-0.01
13 T	Acrolein	250.000	275.550	-10.2	112	-0.01
14 T	Allyl chloride	50.000	51.318	-2.6	107	0.00
15 T	Acrylonitrile	250.000	223.165	10.7	97	-0.02
16 T	Acetone	250.000	303.344	-21.3	126	-0.01
17 T	Carbon Disulfide	50.000	44.880	10.2	96	0.00
18 T	Methyl Acetate	50.000	61.757	-23.5	147	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.689	-5.4	113	-0.01
20 T	Methylene Chloride	50.000	52.522	-5.0	113	-0.01
21 T	trans-1,2-Dichloroethene	50.000	46.783	6.4	101	-0.01
22 T	Diisopropyl ether	50.000	52.174	-4.3	113	-0.02
23 T	Vinyl Acetate	250.000	233.806	6.5	101	-0.02
24 P	1,1-Dichloroethane	50.000	51.691	-3.4	114	-0.01
25 T	2-Butanone	250.000	247.646	0.9	108	-0.02
26 T	2,2-Dichloropropane	50.000	56.889	-13.8	123	-0.03
27 T	cis-1,2-Dichloroethene	50.000	48.871	2.3	106	-0.02
28 T	Bromochloromethane	50.000	50.814	-1.6	101	-0.02
29	Tetrahydrofuran	250.000	212.649	14.9	94	-0.03
30 C	Chloroform	50.000	51.266	-2.5#	108	-0.03
31 T	Cyclohexane	50.000	44.308	11.4	96	-0.03
32 T	1,1,1-Trichloroethane	50.000	48.034	3.9	96	-0.02
33 S	1,2-Dichloroethane-d4	50.000	59.875	-19.8	124	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	-0.03
35 S	Dibromofluoromethane	50.000	55.922	-11.8	122	-0.02
36 T	1,1-Dichloropropene	50.000	46.430	7.1	104	-0.03
37 T	Ethyl Acetate	50.000	42.766	14.5	100	-0.03
38 T	Carbon Tetrachloride	50.000	52.148	-4.3	117	-0.03
39 T	Methylcyclohexane	50.000	48.804	2.4	106	-0.02
40 TM	Benzene	50.000	47.887	4.2	105	-0.02
41 T	Methacrylonitrile	50.000	46.411	7.2	102	-0.03
42 TM	1,2-Dichloroethane	50.000	50.778	-1.6	108	-0.03
43 T	Isopropyl Acetate	50.000	44.799	10.4	104	-0.02
44 TM	Trichloroethene	50.000	47.936	4.1	107	-0.02
45 C	1,2-Dichloropropane	50.000	45.964	8.1#	98	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.945	2.1	102	-0.03
47 T	Bromodichloromethane	50.000	50.515	-1.0	106	-0.03
48 T	Methyl methacrylate	50.000	47.463	5.1	103	-0.02
49 T	1,4-Dioxane	1000.000	917.976	8.2	96	-0.02
50 S	Toluene-d8	50.000	54.783	-9.6	113	-0.02
51 T	4-Methyl-2-Pentanone	250.000	221.867	11.3	97	-0.03
52 CM	Toluene	50.000	47.393	5.2#	109	-0.02
53 T	t-1,3-Dichloropropene	50.000	49.515	1.0	109	-0.02
54 T	cis-1,3-Dichloropropene	50.000	49.187	1.6	108	-0.03
55 T	1,1,2-Trichloroethane	50.000	48.055	3.9	102	-0.02
56 T	Ethyl methacrylate	50.000	43.889	12.2	98	-0.02
57 T	1,3-Dichloropropane	50.000	46.706	6.6	102	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	213.828	14.5	96	-0.02
59 T	2-Hexanone	250.000	238.408	4.6	106	-0.03
60 T	Dibromochloromethane	50.000	49.755	0.5	105	-0.02
61 T	1,2-Dibromoethane	50.000	47.864	4.3	104	-0.03
62 S	4-Bromofluorobenzene	50.000	53.194	-6.4	118	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	-0.03
64 T	Tetrachloroethene	50.000	47.652	4.7	100	-0.02
65 PM	Chlorobenzene	50.000	49.316	1.4	105	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	51.732	-3.5	109	-0.02
67 C	Ethyl Benzene	50.000	50.411	-0.8#	110	-0.02
68 T	m/p-Xylenes	100.000	99.718	0.3	108	-0.03
69 T	o-Xylene	50.000	49.032	1.9	102	-0.03
70 T	Styrene	50.000	48.458	3.1	105	-0.02
71 P	Bromoform	50.000	48.075	3.8	99	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	-0.02
73 T	Isopropylbenzene	50.000	47.946	4.1	102	-0.02
74 T	N-amyl acetate	50.000	47.302	5.4	98	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.235	1.5	104	-0.02
76 T	1,2,3-Trichloropropane	50.000	47.119	5.8	99	-0.02
77 T	Bromobenzene	50.000	48.952	2.1	107	-0.02
78 T	n-propylbenzene	50.000	47.421	5.2	102	-0.02
79 T	2-Chlorotoluene	50.000	50.359	-0.7	105	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.662	2.7	102	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	48.266	3.5	99	-0.02
82 T	4-Chlorotoluene	50.000	48.510	3.0	104	-0.02
83 T	tert-Butylbenzene	50.000	49.061	1.9	100	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.243	-0.5	109	-0.02
85 T	sec-Butylbenzene	50.000	47.971	4.1	100	-0.02
86 T	p-Isopropyltoluene	50.000	50.037	-0.1	107	-0.01
87 T	1,3-Dichlorobenzene	50.000	47.819	4.4	105	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.533	0.9	108	-0.01
89 T	n-Butylbenzene	50.000	49.486	1.0	105	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.687	-3.4	105	-0.02
91 T	1,2-Dichlorobenzene	50.000	47.974	4.1	104	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.028	-2.1	102	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	47.470	5.1	102	-0.02
94 T	Hexachlorobutadiene	50.000	49.194	1.6	104	-0.02
95 T	Naphthalene	50.000	48.574	2.9	100	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	48.163	3.7	99	-0.02

(#) = Out of Range

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