

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF031219\
 Data File : VF061904.D
 Acq On : 12 Mar 2019 13:47
 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 13 02:14:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 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	99	-0.03
2 T	Dichlorodifluoromethane	50.000	44.536	10.9	89	0.00
3 P	Chloromethane	50.000	45.488	9.0	92	0.00
4 C	Vinyl Chloride	50.000	46.765	6.5#	92	0.00
5 T	Bromomethane	50.000	48.059	3.9	93	0.00
6 T	Chloroethane	50.000	49.106	1.8	93	-0.01
7 T	Trichlorofluoromethane	50.000	49.986	0.0	96	-0.01
8 T	Diethyl Ether	50.000	48.967	2.1	92	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.883	0.2	100	-0.01
10 T	Methyl Iodide	50.000	48.957	2.1	96	-0.02
11 T	Tert butyl alcohol	250.000	245.699	1.7	98	-0.02
12 CM	1,1-Dichloroethene	50.000	48.518	3.0#	96	-0.01
13 T	Acrolein	250.000	253.076	-1.2	102	-0.02
14 T	Allyl chloride	50.000	55.382	-10.8	109	-0.01
15 T	Acrylonitrile	250.000	241.020	3.6	97	-0.01
16 T	Acetone	250.000	313.145	-25.3#	125	-0.01
17 T	Carbon Disulfide	50.000	47.704	4.6	91	-0.02
18 T	Methyl Acetate	50.000	66.662	-33.3#	126	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.904	0.2	95	-0.02
20 T	Methylene Chloride	50.000	50.552	-1.1	100	-0.02
21 T	trans-1,2-Dichloroethene	50.000	54.503	-9.0	114	-0.01
22 T	Diisopropyl ether	50.000	52.041	-4.1	101	-0.02
23 T	Vinyl Acetate	250.000	242.463	3.0	94	-0.02
24 P	1,1-Dichloroethane	50.000	51.759	-3.5	102	-0.01
25 T	2-Butanone	250.000	239.185	4.3	95	-0.04
26 T	2,2-Dichloropropane	50.000	51.141	-2.3	101	-0.03
27 T	cis-1,2-Dichloroethene	50.000	48.930	2.1	93	-0.02
28 T	Bromochloromethane	50.000	50.846	-1.7	107	-0.03
29	Tetrahydrofuran	250.000	231.125	7.5	96	-0.03
30 C	Chloroform	50.000	50.538	-1.1#	97	-0.02
31 T	Cyclohexane	50.000	46.338	7.3	89	-0.02
32 T	1,1,1-Trichloroethane	50.000	46.549	6.9	92	-0.02
33 S	1,2-Dichloroethane-d4	50.000	54.683	-9.4	111	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	-0.03
35 S	Dibromofluoromethane	50.000	53.953	-7.9	111	-0.03
36 T	1,1-Dichloropropene	50.000	51.316	-2.6	97	-0.03
37 T	Ethyl Acetate	50.000	46.021	8.0	94	-0.03
38 T	Carbon Tetrachloride	50.000	51.745	-3.5	94	-0.03
39 T	Methylcyclohexane	50.000	50.445	-0.9	93	-0.03
40 TM	Benzene	50.000	50.708	-1.4	95	-0.03
41 T	Methacrylonitrile	50.000	46.963	6.1	93	-0.02
42 TM	1,2-Dichloroethane	50.000	49.449	1.1	90	-0.02
43 T	Isopropyl Acetate	50.000	43.834	12.3	81	-0.03
44 TM	Trichloroethene	50.000	48.948	2.1	91	-0.03
45 C	1,2-Dichloropropane	50.000	51.352	-2.7#	97	-0.02

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.143	3.7	93	-0.02
47 T	Bromodichloromethane	50.000	50.324	-0.6	94	-0.02
48 T	Methyl methacrylate	50.000	46.956	6.1	87	-0.02
49 T	1,4-Dioxane	1000.000	977.628	2.2	81	-0.02
50 S	Toluene-d8	50.000	53.100	-6.2	109	-0.02
51 T	4-Methyl-2-Pentanone	250.000	236.882	5.2	92	-0.02
52 CM	Toluene	50.000	50.281	-0.6#	95	-0.02
53 T	t-1,3-Dichloropropene	50.000	48.947	2.1	93	-0.02
54 T	cis-1,3-Dichloropropene	50.000	50.960	-1.9	96	-0.02
55 T	1,1,2-Trichloroethane	50.000	48.728	2.5	94	-0.02
56 T	Ethyl methacrylate	50.000	48.370	3.3	92	-0.02
57 T	1,3-Dichloropropane	50.000	48.944	2.1	88	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	250.261	-0.1	103	-0.03
59 T	2-Hexanone	250.000	250.972	-0.4	101	-0.02
60 T	Dibromochloromethane	50.000	48.075	3.8	91	-0.03
61 T	1,2-Dibromoethane	50.000	48.019	4.0	90	-0.02
62 S	4-Bromofluorobenzene	50.000	53.024	-6.0	107	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	-0.02
64 T	Tetrachloroethene	50.000	47.373	5.3	88	-0.03
65 PM	Chlorobenzene	50.000	48.119	3.8	91	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	50.276	-0.6	98	-0.02
67 C	Ethyl Benzene	50.000	49.792	0.4#	94	-0.02
68 T	m/p-Xylenes	100.000	96.396	3.6	97	-0.02
69 T	o-Xylene	50.000	48.471	3.1	91	-0.02
70 T	Styrene	50.000	45.855	8.3	89	-0.02
71 P	Bromoform	50.000	46.986	6.0	89	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	-0.01
73 T	Isopropylbenzene	50.000	50.174	-0.3	95	-0.02
74 T	N-amyl acetate	50.000	48.670	2.7	92	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.283	3.4	93	-0.02
76 T	1,2,3-Trichloropropane	50.000	47.485	5.0	93	-0.02
77 T	Bromobenzene	50.000	46.951	6.1	91	-0.01
78 T	n-propylbenzene	50.000	48.050	3.9	91	-0.01
79 T	2-Chlorotoluene	50.000	48.695	2.6	95	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	47.598	4.8	90	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	54.138	-8.3	110	-0.01
82 T	4-Chlorotoluene	50.000	48.278	3.4	91	-0.01
83 T	tert-Butylbenzene	50.000	49.192	1.6	91	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	49.562	0.9	91	-0.01
85 T	sec-Butylbenzene	50.000	50.207	-0.4	93	-0.01
86 T	p-Isopropyltoluene	50.000	50.525	-1.0	99	-0.01
87 T	1,3-Dichlorobenzene	50.000	49.316	1.4	97	-0.02
88 T	1,4-Dichlorobenzene	50.000	49.173	1.7	96	-0.02
89 T	n-Butylbenzene	50.000	49.874	0.3	96	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.341	-2.7	94	-0.01
91 T	1,2-Dichlorobenzene	50.000	48.791	2.4	95	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.138	5.7	100	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	48.718	2.6	97	-0.02
94 T	Hexachlorobutadiene	50.000	46.235	7.5	91	-0.01
95 T	Naphthalene	50.000	49.628	0.7	94	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	50.239	-0.5	94	-0.01

(#) = Out of Range

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