

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF060419\
 Data File : VF062836.D
 Acq On : 4 Jun 2019 13:16
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 05 05:35:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 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	107	-0.02
2 T	Dichlorodifluoromethane	50.000	44.406	11.2	93	0.00
3 P	Chloromethane	50.000	40.036	19.9	89	0.00
4 C	Vinyl Chloride	50.000	41.478	17.0#	91	-0.01
5 T	Bromomethane	50.000	47.307	5.4	92	0.00
6 T	Chloroethane	50.000	46.631	6.7	90	-0.02
7 T	Trichlorofluoromethane	50.000	46.766	6.5	96	-0.01
8 T	Diethyl Ether	50.000	45.580	8.8	93	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.367	9.3	97	-0.02
10 T	Methyl Iodide	50.000	45.814	8.4	98	-0.03
11 T	Tert butyl alcohol	250.000	243.543	2.6	110	-0.02
12 CM	1,1-Dichloroethene	50.000	45.126	9.7#	97	-0.02
13 T	Acrolein	250.000	243.282	2.7	110	-0.02
14 T	Allyl chloride	50.000	45.407	9.2	84	-0.02
15 T	Acrylonitrile	250.000	177.861	28.9#	73	-0.02
16 T	Acetone	250.000	227.192	9.1	90	-0.02
17 T	Carbon Disulfide	50.000	43.348	13.3	92	-0.01
18 T	Methyl Acetate	50.000	41.863	16.3	91	-0.02
19 T	Methyl tert-butyl Ether	50.000	46.782	6.4	102	-0.01
20 T	Methylene Chloride	50.000	44.992	10.0	90	-0.01
21 T	trans-1,2-Dichloroethene	50.000	45.751	8.5	91	-0.02
22 T	Diisopropyl ether	50.000	45.370	9.3	96	-0.02
23 T	Vinyl Acetate	250.000	240.956	3.6	100	-0.02
24 P	1,1-Dichloroethane	50.000	45.828	8.3	94	-0.02
25 T	2-Butanone	250.000	231.352	7.5	101	-0.03
26 T	2,2-Dichloropropane	50.000	49.520	1.0	104	-0.02
27 T	cis-1,2-Dichloroethene	50.000	46.670	6.7	95	-0.03
28 T	Bromochloromethane	50.000	52.973	-5.9	109	-0.03
29	Tetrahydrofuran	250.000	240.430	3.8	102	-0.03
30 C	Chloroform	50.000	48.233	3.5#	100	-0.03
31 T	Cyclohexane	50.000	45.368	9.3	93	-0.02
32 T	1,1,1-Trichloroethane	50.000	54.300	-8.6	125	-0.03
33 S	1,2-Dichloroethane-d4	50.000	50.280	-0.6	100	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	-0.03
35 S	Dibromofluoromethane	50.000	51.086	-2.2	97	-0.03
36 T	1,1-Dichloropropene	50.000	49.966	0.1	98	-0.03
37 T	Ethyl Acetate	50.000	51.786	-3.6	101	-0.03
38 T	Carbon Tetrachloride	50.000	54.534	-9.1	109	-0.02
39 T	Methylcyclohexane	50.000	51.217	-2.4	99	-0.02
40 TM	Benzene	50.000	49.670	0.7	93	-0.03
41 T	Methacrylonitrile	50.000	49.605	0.8	101	-0.03
42 TM	1,2-Dichloroethane	50.000	52.446	-4.9	102	-0.03
43 T	Isopropyl Acetate	50.000	53.364	-6.7	108	-0.02
44 TM	Trichloroethene	50.000	50.943	-1.9	101	-0.02
45 C	1,2-Dichloropropane	50.000	52.558	-5.1#	101	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.913	-3.8	104	-0.03
47 T	Bromodichloromethane	50.000	51.858	-3.7	102	-0.03
48 T	Methyl methacrylate	50.000	53.433	-6.9	98	-0.02
49 T	1,4-Dioxane	1000.000	984.968	1.5	104	-0.02
50 S	Toluene-d8	50.000	54.414	-8.8	103	-0.03
51 T	4-Methyl-2-Pentanone	250.000	264.264	-5.7	108	-0.03
52 CM	Toluene	50.000	53.467	-6.9#	105	-0.03
53 T	t-1,3-Dichloropropene	50.000	55.429	-10.9	106	-0.02
54 T	cis-1,3-Dichloropropene	50.000	53.718	-7.4	103	-0.02
55 T	1,1,2-Trichloroethane	50.000	53.784	-7.6	106	-0.02
56 T	Ethyl methacrylate	50.000	54.895	-9.8	106	-0.03
57 T	1,3-Dichloropropane	50.000	55.118	-10.2	106	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	257.279	-2.9	102	-0.02
59 T	2-Hexanone	250.000	274.776	-9.9	113	-0.02
60 T	Dibromochloromethane	50.000	55.527	-11.1	103	-0.02
61 T	1,2-Dibromoethane	50.000	54.399	-8.8	104	-0.03
62 S	4-Bromofluorobenzene	50.000	53.550	-7.1	102	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	-0.03
64 T	Tetrachloroethene	50.000	48.647	2.7	98	-0.02
65 PM	Chlorobenzene	50.000	49.557	0.9	103	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	48.391	3.2	103	-0.02
67 C	Ethyl Benzene	50.000	47.873	4.3#	102	-0.02
68 T	m/p-Xylenes	100.000	95.858	4.1	101	-0.02
69 T	o-Xylene	50.000	50.337	-0.7	102	-0.02
70 T	Styrene	50.000	49.046	1.9	101	-0.02
71 P	Bromoform	50.000	52.014	-4.0	105	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	-0.01
73 T	Isopropylbenzene	50.000	48.821	2.4	98	-0.02
74 T	N-amyl acetate	50.000	47.210	5.6	103	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.080	3.8	99	-0.02
76 T	1,2,3-Trichloropropane	50.000	48.222	3.6	102	-0.02
77 T	Bromobenzene	50.000	49.822	0.4	104	-0.02
78 T	n-propylbenzene	50.000	47.103	5.8	96	-0.02
79 T	2-Chlorotoluene	50.000	45.816	8.4	93	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	46.711	6.6	94	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	54.217	-8.4	107	-0.02
82 T	4-Chlorotoluene	50.000	47.771	4.5	98	-0.01
83 T	tert-Butylbenzene	50.000	48.552	2.9	100	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	47.826	4.3	98	-0.01
85 T	sec-Butylbenzene	50.000	47.039	5.9	92	-0.01
86 T	p-Isopropyltoluene	50.000	48.590	2.8	100	-0.02
87 T	1,3-Dichlorobenzene	50.000	48.469	3.1	104	-0.01
88 T	1,4-Dichlorobenzene	50.000	48.295	3.4	101	-0.01
89 T	n-Butylbenzene	50.000	47.436	5.1	101	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	43.030	13.9	84	-0.02
91 T	1,2-Dichlorobenzene	50.000	47.598	4.8	98	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.729	-1.5	104	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.137	1.7	100	-0.01
94 T	Hexachlorobutadiene	50.000	48.787	2.4	96	-0.02
95 T	Naphthalene	50.000	50.376	-0.8	101	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	49.723	0.6	102	-0.01

(#) = Out of Range

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