

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF053119\
 Data File : VF062801.D
 Acq On : 31 May 2019 10:49
 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 01 01:05:12 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	48.187	3.6	95	-0.01
3 P	Chloromethane	50.000	49.306	1.4	105	0.00
4 C	Vinyl Chloride	50.000	46.389	7.2#	97	-0.01
5 T	Bromomethane	50.000	50.878	-1.8	95	0.00
6 T	Chloroethane	50.000	52.834	-5.7	98	-0.01
7 T	Trichlorofluoromethane	50.000	49.427	1.1	97	-0.01
8 T	Diethyl Ether	50.000	48.970	2.1	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.823	8.4	94	-0.01
10 T	Methyl Iodide	50.000	47.679	4.6	98	-0.02
11 T	Tert butyl alcohol	250.000	245.551	1.8	106	-0.01
12 CM	1,1-Dichloroethene	50.000	47.749	4.5#	98	0.00
13 T	Acrolein	250.000	256.590	-2.6	111	-0.01
14 T	Allyl chloride	50.000	48.900	2.2	87	-0.01
15 T	Acrylonitrile	250.000	179.723	28.1#	71	-0.02
16 T	Acetone	250.000	285.682	-14.3	108	-0.01
17 T	Carbon Disulfide	50.000	49.878	0.2	101	0.00
18 T	Methyl Acetate	50.000	45.658	8.7	95	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.289	5.4	99	0.00
20 T	Methylene Chloride	50.000	49.713	0.6	95	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.883	0.2	95	-0.01
22 T	Diisopropyl ether	50.000	47.212	5.6	96	-0.01
23 T	Vinyl Acetate	250.000	237.547	5.0	94	-0.01
24 P	1,1-Dichloroethane	50.000	48.572	2.9	96	-0.01
25 T	2-Butanone	250.000	241.888	3.2	101	-0.01
26 T	2,2-Dichloropropane	50.000	51.941	-3.9	105	-0.01
27 T	cis-1,2-Dichloroethene	50.000	48.758	2.5	95	-0.01
28 T	Bromochloromethane	50.000	47.899	4.2	95	-0.01
29	Tetrahydrofuran	250.000	234.140	6.3	95	-0.01
30 C	Chloroform	50.000	49.235	1.5#	97	-0.01
31 T	Cyclohexane	50.000	48.314	3.4	95	-0.01
32 T	1,1,1-Trichloroethane	50.000	54.954	-9.9	121	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.302	1.4	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	-0.01
35 S	Dibromofluoromethane	50.000	51.122	-2.2	94	-0.01
36 T	1,1-Dichloropropene	50.000	51.500	-3.0	97	-0.01
37 T	Ethyl Acetate	50.000	53.485	-7.0	100	-0.02
38 T	Carbon Tetrachloride	50.000	54.202	-8.4	104	0.00
39 T	Methylcyclohexane	50.000	53.000	-6.0	98	0.00
40 TM	Benzene	50.000	49.543	0.9	89	-0.01
41 T	Methacrylonitrile	50.000	49.772	0.5	97	0.00
42 TM	1,2-Dichloroethane	50.000	51.956	-3.9	97	-0.01
43 T	Isopropyl Acetate	50.000	50.760	-1.5	99	0.00
44 TM	Trichloroethene	50.000	49.596	0.8	94	0.00
45 C	1,2-Dichloropropane	50.000	52.804	-5.6#	97	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.069	-2.1	98	-0.01
47 T	Bromodichloromethane	50.000	52.428	-4.9	99	-0.01
48 T	Methyl methacrylate	50.000	53.838	-7.7	95	0.00
49 T	1,4-Dioxane	1000.000	1054.714	-5.5	107	0.00
50 S	Toluene-d8	50.000	53.722	-7.4	98	-0.01
51 T	4-Methyl-2-Pentanone	250.000	268.061	-7.2	105	-0.01
52 CM	Toluene	50.000	55.480	-11.0#	104	-0.01
53 T	t-1,3-Dichloropropene	50.000	56.648	-13.3	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.007	2.0	90	0.00
55 T	1,1,2-Trichloroethane	50.000	54.982	-10.0	104	0.00
56 T	Ethyl methacrylate	50.000	58.564	-17.1	109	-0.01
57 T	1,3-Dichloropropane	50.000	55.625	-11.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.874	2.5	93	0.00
59 T	2-Hexanone	250.000	258.222	-3.3	102	0.00
60 T	Dibromochloromethane	50.000	57.455	-14.9	102	0.00
61 T	1,2-Dibromoethane	50.000	55.245	-10.5	102	-0.01
62 S	4-Bromofluorobenzene	50.000	52.029	-4.1	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	-0.01
64 T	Tetrachloroethene	50.000	52.216	-4.4	96	0.00
65 PM	Chlorobenzene	50.000	49.941	0.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.883	2.2	94	0.00
67 C	Ethyl Benzene	50.000	50.905	-1.8#	99	0.00
68 T	m/p-Xylenes	100.000	105.574	-5.6	101	0.00
69 T	o-Xylene	50.000	50.877	-1.8	94	0.00
70 T	Styrene	50.000	52.518	-5.0	98	0.00
71 P	Bromoform	50.000	53.353	-6.7	98	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	51.698	-3.4	94	-0.01
74 T	N-amyl acetate	50.000	51.329	-2.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.205	-2.4	95	0.00
76 T	1,2,3-Trichloropropane	50.000	49.421	1.2	94	0.00
77 T	Bromobenzene	50.000	52.288	-4.6	98	-0.01
78 T	n-propylbenzene	50.000	52.198	-4.4	95	0.00
79 T	2-Chlorotoluene	50.000	52.155	-4.3	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.573	-3.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.660	-13.3	101	0.00
82 T	4-Chlorotoluene	50.000	53.157	-6.3	98	0.00
83 T	tert-Butylbenzene	50.000	53.114	-6.2	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.411	-6.8	98	0.00
85 T	sec-Butylbenzene	50.000	53.225	-6.5	94	0.00
86 T	p-Isopropyltoluene	50.000	52.521	-5.0	97	-0.01
87 T	1,3-Dichlorobenzene	50.000	51.287	-2.6	99	0.00
88 T	1,4-Dichlorobenzene	50.000	50.852	-1.7	96	0.00
89 T	n-Butylbenzene	50.000	52.778	-5.6	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.465	-8.9	96	0.00
91 T	1,2-Dichlorobenzene	50.000	53.863	-7.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.432	-2.9	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.809	0.4	91	0.00
94 T	Hexachlorobutadiene	50.000	52.837	-5.7	94	0.00
95 T	Naphthalene	50.000	53.536	-7.1	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.610	-3.2	95	0.00

(#) = Out of Range

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