

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051219\
 Data File : VF062495.D
 Acq On : 12 May 2019 10:45
 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: May 13 05:06:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	110	0.01
2 T	Dichlorodifluoromethane	50.000	42.885	14.2	107	0.00
3 P	Chloromethane	50.000	41.681	16.6	107	0.00
4 C	Vinyl Chloride	50.000	43.382	13.2#	107	0.01
5 T	Bromomethane	50.000	50.350	-0.7	113	-0.02
6 T	Chloroethane	50.000	46.057	7.9	108	0.00
7 T	Trichlorofluoromethane	50.000	50.208	-0.4	114	0.00
8 T	Diethyl Ether	50.000	44.240	11.5	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.515	1.0	115	0.00
10 T	Methyl Iodide	50.000	49.776	0.4	115	0.00
11 T	Tert butyl alcohol	250.000	195.436	21.8#	90	0.00
12 CM	1,1-Dichloroethene	50.000	45.548	8.9#	110	0.00
13 T	Acrolein	250.000	262.002	-4.8	112	0.00
14 T	Allyl chloride	50.000	75.492	-51.0#	188	0.01
15 T	Acrylonitrile	250.000	243.372	2.7	106	0.01
16 T	Acetone	250.000	297.300	-18.9	128	0.00
17 T	Carbon Disulfide	50.000	43.808	12.4	105	0.00
18 T	Methyl Acetate	50.000	43.007	14.0	95	0.00
19 T	Methyl tert-butyl Ether	50.000	48.358	3.3	109	0.00
20 T	Methylene Chloride	50.000	46.668	6.7	114	-0.05
21 T	trans-1,2-Dichloroethene	50.000	47.446	5.1	111	0.01
22 T	Diisopropyl ether	50.000	47.805	4.4	102	0.00
23 T	Vinyl Acetate	250.000	231.703	7.3	94	0.00
24 P	1,1-Dichloroethane	50.000	51.408	-2.8	111	0.01
25 T	2-Butanone	250.000	245.389	1.8	106	0.00
26 T	2,2-Dichloropropane	50.000	60.272	-20.5#	134	0.01
27 T	cis-1,2-Dichloroethene	50.000	49.176	1.6	110	0.01
28 T	Bromochloromethane	50.000	50.199	-0.4	100	0.02
29 T	Tetrahydrofuran	250.000	188.023	24.8#	86	0.02
30 C	Chloroform	50.000	49.213	1.6#	104	0.02
31 T	Cyclohexane	50.000	44.246	11.5	100	0.01
32 T	1,1,1-Trichloroethane	50.000	51.315	-2.6	110	0.02
33 S	1,2-Dichloroethane-d4	50.000	51.509	-3.0	102	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.01
35 S	Dibromofluoromethane	50.000	57.835	-15.7	102	0.02
36 T	1,1-Dichloropropene	50.000	54.543	-9.1	104	0.01
37 T	Ethyl Acetate	50.000	52.320	-4.6	91	0.01
38 T	Carbon Tetrachloride	50.000	64.352	-28.7#	117	0.01
39 T	Methylcyclohexane	50.000	48.519	3.0	89	0.01
40 TM	Benzene	50.000	56.848	-13.7	111	0.02
41 T	Methacrylonitrile	50.000	44.199	11.6	86	0.00
42 TM	1,2-Dichloroethane	50.000	55.151	-10.3	101	0.01
43 T	Isopropyl Acetate	50.000	45.896	8.2	88	0.01
44 TM	Trichloroethene	50.000	53.572	-7.1	101	0.01
45 C	1,2-Dichloropropane	50.000	56.586	-13.2#	105	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.496	-9.0	102	0.02
47 T	Bromodichloromethane	50.000	58.936	-17.9	110	0.01
48 T	Methyl methacrylate	50.000	47.804	4.4	87	0.01
49 T	1,4-Dioxane	1000.000	993.041	0.7	88	0.02
50 S	Toluene-d8	50.000	58.067	-16.1	104	0.02
51 T	4-Methyl-2-Pentanone	250.000	260.795	-4.3	98	0.01
52 CM	Toluene	50.000	57.081	-14.2#	111	0.02
53 T	t-1,3-Dichloropropene	50.000	52.859	-5.7	97	0.01
54 T	cis-1,3-Dichloropropene	50.000	56.498	-13.0	104	0.01
55 T	1,1,2-Trichloroethane	50.000	53.761	-7.5	99	0.02
56 T	Ethyl methacrylate	50.000	48.747	2.5	94	0.01
57 T	1,3-Dichloropropane	50.000	52.984	-6.0	100	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	189.827	24.1#	75	0.01
59 T	2-Hexanone	250.000	287.431	-15.0	109	0.01
60 T	Dibromochloromethane	50.000	56.758	-13.5	103	0.01
61 T	1,2-Dibromoethane	50.000	51.514	-3.0	95	0.02
62 S	4-Bromofluorobenzene	50.000	56.103	-12.2	109	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.02
64 T	Tetrachloroethene	50.000	46.734	6.5	99	0.01
65 PM	Chlorobenzene	50.000	53.162	-6.3	111	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.959	-7.9	111	0.01
67 C	Ethyl Benzene	50.000	51.193	-2.4#	107	0.01
68 T	m/p-Xylenes	100.000	105.633	-5.6	115	0.01
69 T	o-Xylene	50.000	56.162	-12.3	117	0.01
70 T	Styrene	50.000	52.358	-4.7	111	0.01
71 P	Bromoform	50.000	51.919	-3.8	104	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.01
73 T	Isopropylbenzene	50.000	51.454	-2.9	113	0.01
74 T	N-amyl acetate	50.000	45.616	8.8	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.328	-0.7	109	0.01
76 T	1,2,3-Trichloropropane	50.000	47.554	4.9	107	0.01
77 T	Bromobenzene	50.000	50.600	-1.2	111	0.01
78 T	n-propylbenzene	50.000	50.415	-0.8	114	0.01
79 T	2-Chlorotoluene	50.000	50.429	-0.9	112	0.01
80 T	1,3,5-Trimethylbenzene	50.000	49.207	1.6	110	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	43.592	12.8	102	0.00
82 T	4-Chlorotoluene	50.000	50.781	-1.6	113	0.01
83 T	tert-Butylbenzene	50.000	49.615	0.8	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.667	2.7	107	0.01
85 T	sec-Butylbenzene	50.000	50.682	-1.4	113	0.01
86 T	p-Isopropyltoluene	50.000	49.792	0.4	111	0.01
87 T	1,3-Dichlorobenzene	50.000	49.776	0.4	114	0.01
88 T	1,4-Dichlorobenzene	50.000	50.163	-0.3	110	0.01
89 T	n-Butylbenzene	50.000	51.218	-2.4	117	0.00

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90 T	Hexachloroethane	50.000	48.745	2.5	106	0.01
91 T	1,2-Dichlorobenzene	50.000	50.371	-0.7	113	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.464	7.1	104	0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.833	0.3	111	0.00
94 T	Hexachlorobutadiene	50.000	50.392	-0.8	110	0.00
95 T	Naphthalene	50.000	49.790	0.4	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.328	1.3	107	0.01

(#) = Out of Range

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