

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052119\
 Data File : VF062675.D
 Acq On : 21 May 2019 10:21
 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 22 04:02:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 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	121	-0.01
2 T	Dichlorodifluoromethane	50.000	42.955	14.1	103	0.00
3 P	Chloromethane	50.000	41.108	17.8	93	0.00
4 C	Vinyl Chloride	50.000	44.019	12.0#	97	0.00
5 T	Bromomethane	50.000	46.175	7.7	104	0.00
6 T	Chloroethane	50.000	45.595	8.8	94	0.00
7 T	Trichlorofluoromethane	50.000	45.195	9.6	99	0.01
8 T	Diethyl Ether	50.000	54.994	-10.0	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.187	3.6	108	0.00
10 T	Methyl Iodide	50.000	47.703	4.6	107	0.00
11 T	Tert butyl alcohol	250.000	288.069	-15.2	138	0.00
12 CM	1,1-Dichloroethene	50.000	49.151	1.7#	110	0.00
13 T	Acrolein	250.000	228.708	8.5	100	0.00
14 T	Allyl chloride	50.000	50.415	-0.8	109	0.00
15 T	Acrylonitrile	250.000	233.594	6.6	118	0.00
16 T	Acetone	250.000	296.968	-18.8	129	0.00
17 T	Carbon Disulfide	50.000	45.419	9.2	98	0.00
18 T	Methyl Acetate	50.000	51.701	-3.4	126	0.00
19 T	Methyl tert-butyl Ether	50.000	50.787	-1.6	113	0.00
20 T	Methylene Chloride	50.000	46.090	7.8	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.897	0.2	112	0.00
22 T	Diisopropyl ether	50.000	50.086	-0.2	118	0.00
23 T	Vinyl Acetate	250.000	248.864	0.5	114	0.00
24 P	1,1-Dichloroethane	50.000	49.620	0.8	112	0.00
25 T	2-Butanone	250.000	277.409	-11.0	123	0.00
26 T	2,2-Dichloropropane	50.000	52.877	-5.8	119	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.463	-2.9	118	-0.01
28 T	Bromochloromethane	50.000	41.930	16.1	110	-0.01
29	Tetrahydrofuran	250.000	260.759	-4.3	127	-0.01
30 C	Chloroform	50.000	49.540	0.9#	111	-0.01
31 T	Cyclohexane	50.000	45.870	8.3	103	-0.01
32 T	1,1,1-Trichloroethane	50.000	50.139	-0.3	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.980	6.0	117	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	120	-0.01
35 S	Dibromofluoromethane	50.000	48.079	3.8	116	0.00
36 T	1,1-Dichloropropene	50.000	52.685	-5.4	115	-0.01
37 T	Ethyl Acetate	50.000	50.570	-1.1	122	0.00
38 T	Carbon Tetrachloride	50.000	50.434	-0.9	99	-0.01
39 T	Methylcyclohexane	50.000	53.414	-6.8	113	-0.01
40 TM	Benzene	50.000	50.127	-0.3	113	0.00
41 T	Methacrylonitrile	50.000	52.992	-6.0	119	0.00
42 TM	1,2-Dichloroethane	50.000	55.114	-10.2	118	0.00
43 T	Isopropyl Acetate	50.000	48.212	3.6	116	0.00
44 TM	Trichloroethene	50.000	53.384	-6.8	118	0.00
45 C	1,2-Dichloropropane	50.000	51.252	-2.5#	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	56.397	-12.8	126	0.00
47 T	Bromodichloromethane	50.000	54.965	-9.9	120	-0.01
48 T	Methyl methacrylate	50.000	53.223	-6.4	118	-0.01
49 T	1,4-Dioxane	1000.000	1065.709	-6.6	119	0.00
50 S	Toluene-d8	50.000	47.831	4.3	116	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.188	-1.7	125	0.00
52 CM	Toluene	50.000	53.204	-6.4#	121	0.00
53 T	t-1,3-Dichloropropene	50.000	55.732	-11.5	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.164	-10.3	123	-0.01
55 T	1,1,2-Trichloroethane	50.000	54.251	-8.5	126	-0.01
56 T	Ethyl methacrylate	50.000	50.535	-1.1	125	0.00
57 T	1,3-Dichloropropane	50.000	53.325	-6.7	122	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.725	-12.3	128	0.00
59 T	2-Hexanone	250.000	292.775	-17.1	127	-0.01
60 T	Dibromochloromethane	50.000	57.455	-14.9	127	-0.01
61 T	1,2-Dibromoethane	50.000	55.702	-11.4	128	0.00
62 S	4-Bromofluorobenzene	50.000	44.582	10.8	111	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64 T	Tetrachloroethene	50.000	52.048	-4.1	118	0.00
65 PM	Chlorobenzene	50.000	51.890	-3.8	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.182	-8.4	117	-0.01
67 C	Ethyl Benzene	50.000	49.995	0.0#	112	0.00
68 T	m/p-Xylenes	100.000	101.179	-1.2	110	-0.01
69 T	o-Xylene	50.000	50.933	-1.9	113	0.00
70 T	Styrene	50.000	49.590	0.8	111	0.00
71 P	Bromoform	50.000	59.678	-19.4	138	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	50.902	-1.8	111	0.00
74 T	N-amyl acetate	50.000	54.560	-9.1	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.758	-5.5	114	0.00
76 T	1,2,3-Trichloropropane	50.000	51.933	-3.9	111	-0.01
77 T	Bromobenzene	50.000	52.456	-4.9	108	0.00
78 T	n-propylbenzene	50.000	47.027	5.9	100	-0.01
79 T	2-Chlorotoluene	50.000	49.793	0.4	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.851	0.3	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.585	-17.2	122	0.00
82 T	4-Chlorotoluene	50.000	49.185	1.6	103	0.00
83 T	tert-Butylbenzene	50.000	52.716	-5.4	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.574	-1.1	108	0.00
85 T	sec-Butylbenzene	50.000	48.408	3.2	103	0.00
86 T	p-Isopropyltoluene	50.000	48.645	2.7	104	0.00
87 T	1,3-Dichlorobenzene	50.000	49.311	1.4	105	0.00
88 T	1,4-Dichlorobenzene	50.000	51.221	-2.4	109	0.00
89 T	n-Butylbenzene	50.000	47.936	4.1	103	0.00

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90 T	Hexachloroethane	50.000	55.179	-10.4	111	0.00
91 T	1,2-Dichlorobenzene	50.000	52.378	-4.8	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.657	-15.3	124	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.058	-6.1	115	0.00
94 T	Hexachlorobutadiene	50.000	52.764	-5.5	113	0.00
95 T	Naphthalene	50.000	53.061	-6.1	120	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.865	-7.7	114	0.00

(#) = Out of Range

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