

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF041819\
 Data File : VF062198.D
 Acq On : 18 Apr 2019 11:04
 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: Apr 19 01:52:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 07:43:02 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	121	0.01
2 T	Dichlorodifluoromethane	50.000	47.866	4.3	121	0.00
3 P	Chloromethane	50.000	49.907	0.2	126	0.00
4 C	Vinyl Chloride	50.000	51.154	-2.3#	127	0.00
5 T	Bromomethane	50.000	52.208	-4.4	121	-0.02
6 T	Chloroethane	50.000	53.444	-6.9	124	-0.02
7 T	Trichlorofluoromethane	50.000	50.761	-1.5	124	0.00
8 T	Diethyl Ether	50.000	49.317	1.4	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.850	0.3	123	0.00
10 T	Methyl Iodide	50.000	50.603	-1.2	122	0.00
11 T	Tert butyl alcohol	250.000	223.605	10.6	113	0.00
12 CM	1,1-Dichloroethene	50.000	49.286	1.4#	123	0.00
13 T	Acrolein	250.000	313.138	-25.3#	166	0.00
14 T	Allyl chloride	50.000	55.549	-11.1	144	0.00
15 T	Acrylonitrile	250.000	225.799	9.7	113	0.01
16 T	Acetone	250.000	292.027	-16.8	142	0.00
17 T	Carbon Disulfide	50.000	52.547	-5.1	124	0.00
18 T	Methyl Acetate	50.000	52.751	-5.5	125	0.00
19 T	Methyl tert-butyl Ether	50.000	49.672	0.7	123	0.00
20 T	Methylene Chloride	50.000	48.332	3.3	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.579	0.8	120	0.00
22 T	Diisopropyl ether	50.000	49.185	1.6	123	0.00
23 T	Vinyl Acetate	250.000	241.934	3.2	112	0.01
24 P	1,1-Dichloroethane	50.000	51.279	-2.6	132	0.00
25 T	2-Butanone	250.000	256.181	-2.5	126	0.00
26 T	2,2-Dichloropropane	50.000	48.797	2.4	128	0.01
27 T	cis-1,2-Dichloroethene	50.000	48.532	2.9	116	0.00
28 T	Bromochloromethane	50.000	48.563	2.9	133	0.01
29 T	Tetrahydrofuran	250.000	231.817	7.3	114	0.00
30 C	Chloroform	50.000	48.813	2.4#	119	0.00
31 T	Cyclohexane	50.000	47.944	4.1	119	0.01
32 T	1,1,1-Trichloroethane	50.000	50.219	-0.4	156	0.01
33 S	1,2-Dichloroethane-d4	50.000	53.475	-7.0	125	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	128	0.00
35 S	Dibromofluoromethane	50.000	48.354	3.3	129	0.00
36 T	1,1-Dichloropropene	50.000	45.108	9.8	116	0.01
37 T	Ethyl Acetate	50.000	43.333	13.3	115	0.01
38 T	Carbon Tetrachloride	50.000	49.091	1.8	138	0.01
39 T	Methylcyclohexane	50.000	49.673	0.7	128	0.01
40 TM	Benzene	50.000	46.026	7.9	121	0.00
41 T	Methacrylonitrile	50.000	43.948	12.1	112	0.01
42 TM	1,2-Dichloroethane	50.000	46.513	7.0	121	0.01
43 T	Isopropyl Acetate	50.000	47.570	4.9	127	0.00
44 TM	Trichloroethene	50.000	48.602	2.8	125	0.01
45 C	1,2-Dichloropropane	50.000	48.524	3.0#	128	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.582	6.8	117	0.00
47 T	Bromodichloromethane	50.000	47.627	4.7	125	0.01
48 T	Methyl methacrylate	50.000	47.606	4.8	126	0.01
49 T	1,4-Dioxane	1000.000	914.416	8.6	120	0.00
50 S	Toluene-d8	50.000	50.413	-0.8	128	0.00
51 T	4-Methyl-2-Pentanone	250.000	233.743	6.5	124	0.01
52 CM	Toluene	50.000	47.620	4.8#	121	0.00
53 T	t-1,3-Dichloropropene	50.000	48.632	2.7	126	0.01
54 T	cis-1,3-Dichloropropene	50.000	48.448	3.1	126	0.01
55 T	1,1,2-Trichloroethane	50.000	47.429	5.1	123	0.00
56 T	Ethyl methacrylate	50.000	48.072	3.9	128	0.01
57 T	1,3-Dichloropropane	50.000	48.959	2.1	127	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	246.943	1.2	124	0.01
59 T	2-Hexanone	250.000	260.820	-4.3	136	0.00
60 T	Dibromochloromethane	50.000	49.068	1.9	126	0.01
61 T	1,2-Dibromoethane	50.000	47.651	4.7	123	0.01
62 S	4-Bromofluorobenzene	50.000	52.752	-5.5	141	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	127	0.01
64 T	Tetrachloroethene	50.000	49.157	1.7	126	0.01
65 PM	Chlorobenzene	50.000	50.542	-1.1	123	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	46.456	7.1	119	0.01
67 C	Ethyl Benzene	50.000	49.008	2.0#	127	0.01
68 T	m/p-Xylenes	100.000	97.543	2.5	128	0.01
69 T	o-Xylene	50.000	48.847	2.3	124	0.01
70 T	Styrene	50.000	50.008	-0.0	132	0.00
71 P	Bromoform	50.000	48.656	2.7	126	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	130	0.00
73 T	Isopropylbenzene	50.000	49.433	1.1	126	0.00
74 T	N-amyl acetate	50.000	54.126	-8.3	140	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.256	1.5	126	0.00
76 T	1,2,3-Trichloropropane	50.000	48.217	3.6	125	0.00
77 T	Bromobenzene	50.000	51.416	-2.8	134	0.00
78 T	n-propylbenzene	50.000	48.961	2.1	130	0.00
79 T	2-Chlorotoluene	50.000	50.039	-0.1	131	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.280	3.4	125	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.443	5.1	122	0.01
82 T	4-Chlorotoluene	50.000	50.959	-1.9	136	0.00
83 T	tert-Butylbenzene	50.000	47.994	4.0	124	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.529	2.9	129	0.00
85 T	sec-Butylbenzene	50.000	48.084	3.8	123	0.00
86 T	p-Isopropyltoluene	50.000	48.248	3.5	126	0.00
87 T	1,3-Dichlorobenzene	50.000	48.552	2.9	131	0.00
88 T	1,4-Dichlorobenzene	50.000	49.659	0.7	132	0.00
89 T	n-Butylbenzene	50.000	54.675	-9.3	132	0.00

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90 T	Hexachloroethane	50.000	49.092	1.8	124	0.01
91 T	1,2-Dichlorobenzene	50.000	48.411	3.2	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.525	11.0	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.674	4.7	127	0.00
94 T	Hexachlorobutadiene	50.000	49.201	1.6	126	0.00
95 T	Naphthalene	50.000	48.613	2.8	127	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.025	4.0	122	0.00

(#) = Out of Range

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