

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF121018\
 Data File : VF060950.D
 Acq On : 10 Dec 2018 13:17
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 05:52:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 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	102	-0.04
2 T	Dichlorodifluoromethane	50.000	40.759	18.5	84	0.00
3 P	Chloromethane	50.000	41.093	17.8	94	0.00
4 C	Vinyl Chloride	50.000	44.949	10.1#	95	-0.02
5 T	Bromomethane	50.000	44.961	10.1	89	0.00
6 T	Chloroethane	50.000	46.987	6.0	92	0.00
7 T	Trichlorofluoromethane	50.000	46.774	6.5	93	-0.03
8 T	Diethyl Ether	50.000	48.417	3.2	99	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.846	6.3	95	0.00
10 T	Methyl Iodide	50.000	47.809	4.4	97	0.00
11 T	Tert butyl alcohol	250.000	234.682	6.1	91	-0.02
12 CM	1,1-Dichloroethene	50.000	45.722	8.6#	94	0.00
13 T	Acrolein	250.000	214.476	14.2	80	-0.03
14 T	Allyl chloride	50.000	44.620	10.8	81	-0.03
15 T	Acrylonitrile	250.000	229.067	8.4	94	-0.03
16 T	Acetone	250.000	298.160	-19.3	119	-0.03
17 T	Carbon Disulfide	50.000	41.768	16.5	88	-0.02
18 T	Methyl Acetate	50.000	55.851	-11.7	116	-0.02
19 T	Methyl tert-butyl Ether	50.000	48.543	2.9	98	-0.03
20 T	Methylene Chloride	50.000	45.192	9.6	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.536	4.9	95	-0.03
22 T	Diisopropyl ether	50.000	47.514	5.0	96	-0.03
23 T	Vinyl Acetate	250.000	252.891	-1.2	101	-0.03
24 P	1,1-Dichloroethane	50.000	49.835	0.3	96	-0.03
25 T	2-Butanone	250.000	255.725	-2.3	102	-0.03
26 T	2,2-Dichloropropane	50.000	49.958	0.1	98	-0.04
27 T	cis-1,2-Dichloroethene	50.000	49.127	1.7	100	-0.04
28 T	Bromochloromethane	50.000	45.721	8.6	98	-0.04
29	Tetrahydrofuran	250.000	213.031	14.8	89	-0.04
30 C	Chloroform	50.000	47.988	4.0#	99	-0.03
31 T	Cyclohexane	50.000	43.851	12.3	94	-0.04
32 T	1,1,1-Trichloroethane	50.000	40.330	19.3	77	-0.04
33 S	1,2-Dichloroethane-d4	50.000	48.292	3.4	94	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	-0.04
35 S	Dibromofluoromethane	50.000	47.254	5.5	95	-0.04
36 T	1,1-Dichloropropene	50.000	47.239	5.5	96	-0.04
37 T	Ethyl Acetate	50.000	43.749	12.5	90	-0.04
38 T	Carbon Tetrachloride	50.000	43.687	12.6	81	-0.03
39 T	Methylcyclohexane	50.000	46.033	7.9	93	-0.04
40 TM	Benzene	50.000	45.580	8.8	94	-0.04
41 T	Methacrylonitrile	50.000	47.591	4.8	96	-0.04
42 TM	1,2-Dichloroethane	50.000	49.860	0.3	96	-0.04
43 T	Isopropyl Acetate	50.000	47.874	4.3	93	-0.03
44 TM	Trichloroethene	50.000	48.219	3.6	100	-0.04
45 C	1,2-Dichloropropane	50.000	48.738	2.5#	94	-0.04

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.141	3.7	94	-0.04
47 T	Bromodichloromethane	50.000	50.867	-1.7	100	-0.03
48 T	Methyl methacrylate	50.000	45.986	8.0	92	-0.04
49 T	1,4-Dioxane	1000.000	1012.874	-1.3	93	-0.04
50 S	Toluene-d8	50.000	46.332	7.3	94	-0.04
51 T	4-Methyl-2-Pentanone	250.000	230.067	8.0	97	-0.03
52 CM	Toluene	50.000	44.967	10.1#	99	-0.04
53 T	t-1,3-Dichloropropene	50.000	48.825	2.3	100	-0.03
54 T	cis-1,3-Dichloropropene	50.000	47.124	5.8	92	-0.04
55 T	1,1,2-Trichloroethane	50.000	46.605	6.8	95	-0.04
56 T	Ethyl methacrylate	50.000	47.925	4.2	91	-0.03
57 T	1,3-Dichloropropane	50.000	47.573	4.9	93	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	297.664	-19.1	126	-0.04
59 T	2-Hexanone	250.000	247.055	1.2	104	-0.03
60 T	Dibromochloromethane	50.000	48.008	4.0	95	-0.03
61 T	1,2-Dibromoethane	50.000	47.418	5.2	96	-0.04
62 S	4-Bromofluorobenzene	50.000	46.039	7.9	94	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	-0.04
64 T	Tetrachloroethene	50.000	46.641	6.7	93	-0.03
65 PM	Chlorobenzene	50.000	49.843	0.3	90	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	50.861	-1.7	97	-0.04
67 C	Ethyl Benzene	50.000	48.006	4.0#	90	-0.03
68 T	m/p-Xylenes	100.000	91.223	8.8	90	-0.03
69 T	o-Xylene	50.000	46.230	7.5	89	-0.04
70 T	Styrene	50.000	47.517	5.0	91	-0.03
71 P	Bromoform	50.000	47.508	5.0	89	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	-0.03
73 T	Isopropylbenzene	50.000	50.112	-0.2	98	-0.03
74 T	N-amyl acetate	50.000	47.058	5.9	92	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	48.732	2.5	94	-0.03
76 T	1,2,3-Trichloropropane	50.000	49.162	1.7	96	-0.03
77 T	Bromobenzene	50.000	45.374	9.3	84	-0.03
78 T	n-propylbenzene	50.000	47.602	4.8	93	-0.03
79 T	2-Chlorotoluene	50.000	49.510	1.0	97	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	47.798	4.4	93	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	48.709	2.6	96	-0.03
82 T	4-Chlorotoluene	50.000	46.873	6.3	95	-0.03
83 T	tert-Butylbenzene	50.000	50.773	-1.5	101	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	49.003	2.0	93	-0.03
85 T	sec-Butylbenzene	50.000	49.327	1.3	98	-0.03
86 T	p-Isopropyltoluene	50.000	46.505	7.0	94	-0.03
87 T	1,3-Dichlorobenzene	50.000	45.614	8.8	90	-0.03
88 T	1,4-Dichlorobenzene	50.000	47.589	4.8	94	-0.03
89 T	n-Butylbenzene	50.000	49.548	0.9	96	-0.03

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90 T	Hexachloroethane	50.000	51.329	-2.7	97	-0.03
91 T	1,2-Dichlorobenzene	50.000	48.229	3.5	93	-0.03
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.864	0.3	96	-0.03
93 T	1,2,4-Trichlorobenzene	50.000	48.182	3.6	94	-0.03
94 T	Hexachlorobutadiene	50.000	50.528	-1.1	100	-0.03
95 T	Naphthalene	50.000	46.923	6.2	90	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	49.862	0.3	97	-0.03

(#) = Out of Range

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