

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF120318\
 Data File : VF060909.D
 Acq On : 4 Dec 2018 00:07
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 04 04:24:58 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	92	-0.02
2 T	Dichlorodifluoromethane	50.000	46.338	7.3	86	-0.01
3 P	Chloromethane	50.000	43.984	12.0	90	0.00
4 C	Vinyl Chloride	50.000	46.698	6.6#	88	-0.01
5 T	Bromomethane	50.000	49.225	1.5	88	-0.01
6 T	Chloroethane	50.000	53.311	-6.6	94	0.02
7 T	Trichlorofluoromethane	50.000	51.812	-3.6	93	-0.01
8 T	Diethyl Ether	50.000	49.186	1.6	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.792	0.4	91	0.02
10 T	Methyl Iodide	50.000	48.527	2.9	89	0.02
11 T	Tert butyl alcohol	250.000	260.743	-4.3	91	0.00
12 CM	1,1-Dichloroethene	50.000	48.349	3.3#	89	0.00
13 T	Acrolein	250.000	167.471	33.0#	56	-0.01
14 T	Allyl chloride	50.000	43.512	13.0	71	-0.01
15 T	Acrylonitrile	250.000	262.757	-5.1	97	-0.01
16 T	Acetone	250.000	222.671	10.9	80	-0.01
17 T	Carbon Disulfide	50.000	45.568	8.9	87	-0.01
18 T	Methyl Acetate	50.000	54.461	-8.9	102	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.941	-1.9	93	-0.01
20 T	Methylene Chloride	50.000	44.857	10.3	87	0.02
21 T	trans-1,2-Dichloroethene	50.000	44.219	11.6	80	-0.01
22 T	Diisopropyl ether	50.000	48.561	2.9	88	-0.01
23 T	Vinyl Acetate	250.000	259.079	-3.6	93	-0.01
24 P	1,1-Dichloroethane	50.000	49.577	0.8	86	-0.01
25 T	2-Butanone	250.000	243.587	2.6	88	-0.01
26 T	2,2-Dichloropropane	50.000	43.753	12.5	77	-0.02
27 T	cis-1,2-Dichloroethene	50.000	46.481	7.0	85	-0.02
28 T	Bromochloromethane	50.000	50.354	-0.7	97	-0.02
29	Tetrahydrofuran	250.000	256.650	-2.7	97	-0.02
30 C	Chloroform	50.000	48.776	2.4#	90	-0.01
31 T	Cyclohexane	50.000	46.498	7.0	89	-0.02
32 T	1,1,1-Trichloroethane	50.000	42.315	15.4	72	-0.02
33 S	1,2-Dichloroethane-d4	50.000	59.072	-18.1	104	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	-0.02
35 S	Dibromofluoromethane	50.000	54.272	-8.5	97	-0.01
36 T	1,1-Dichloropropene	50.000	51.455	-2.9	93	-0.01
37 T	Ethyl Acetate	50.000	51.752	-3.5	95	-0.02
38 T	Carbon Tetrachloride	50.000	45.594	8.8	76	-0.01
39 T	Methylcyclohexane	50.000	43.345	13.3	78	-0.01
40 TM	Benzene	50.000	47.355	5.3	88	-0.02
41 T	Methacrylonitrile	50.000	58.548	-17.1	104	-0.01
42 TM	1,2-Dichloroethane	50.000	52.724	-5.4	91	-0.02
43 T	Isopropyl Acetate	50.000	50.394	-0.8	87	-0.01
44 TM	Trichloroethene	50.000	46.745	6.5	87	-0.01
45 C	1,2-Dichloropropane	50.000	51.253	-2.5#	88	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.271	-6.5	93	-0.02
47 T	Bromodichloromethane	50.000	50.045	-0.1	88	-0.01
48 T	Methyl methacrylate	50.000	52.177	-4.4	94	-0.02
49 T	1,4-Dioxane	1000.000	1103.725	-10.4	91	-0.02
50 S	Toluene-d8	50.000	54.375	-8.8	98	-0.02
51 T	4-Methyl-2-Pentanone	250.000	257.249	-2.9	97	-0.01
52 CM	Toluene	50.000	45.405	9.2#	89	-0.02
53 T	t-1,3-Dichloropropene	50.000	49.781	0.4	91	-0.01
54 T	cis-1,3-Dichloropropene	50.000	48.192	3.6	84	-0.01
55 T	1,1,2-Trichloroethane	50.000	49.467	1.1	90	-0.02
56 T	Ethyl methacrylate	50.000	47.954	4.1	81	-0.01
57 T	1,3-Dichloropropane	50.000	52.707	-5.4	92	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	274.782	-9.9	104	-0.02
59 T	2-Hexanone	250.000	257.013	-2.8	97	-0.01
60 T	Dibromochloromethane	50.000	49.223	1.6	87	-0.01
61 T	1,2-Dibromoethane	50.000	49.421	1.2	89	-0.02
62 S	4-Bromofluorobenzene	50.000	52.932	-5.9	96	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	-0.02
64 T	Tetrachloroethene	50.000	49.498	1.0	92	-0.01
65 PM	Chlorobenzene	50.000	48.652	2.7	82	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	46.076	7.8	81	-0.02
67 C	Ethyl Benzene	50.000	46.087	7.8#	80	-0.01
68 T	m/p-Xylenes	100.000	93.310	6.7	85	-0.01
69 T	o-Xylene	50.000	49.536	0.9	89	-0.02
70 T	Styrene	50.000	46.042	7.9	82	-0.01
71 P	Bromoform	50.000	50.593	-1.2	88	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	-0.01
73 T	Isopropylbenzene	50.000	52.999	-6.0	90	-0.01
74 T	N-amyl acetate	50.000	53.207	-6.4	91	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	56.090	-12.2	95	-0.01
76 T	1,2,3-Trichloropropane	50.000	55.350	-10.7	94	-0.01
77 T	Bromobenzene	50.000	49.258	1.5	80	-0.02
78 T	n-propylbenzene	50.000	49.215	1.6	84	-0.01
79 T	2-Chlorotoluene	50.000	52.163	-4.3	89	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.920	-1.8	87	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	47.295	5.4	82	-0.01
82 T	4-Chlorotoluene	50.000	48.424	3.2	86	-0.01
83 T	tert-Butylbenzene	50.000	51.411	-2.8	89	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.896	0.2	83	-0.01
85 T	sec-Butylbenzene	50.000	50.329	-0.7	87	-0.01
86 T	p-Isopropyltoluene	50.000	51.046	-2.1	91	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.608	2.8	84	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.597	0.8	86	-0.01
89 T	n-Butylbenzene	50.000	50.073	-0.1	85	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.380	-4.8	87	-0.01
91 T	1,2-Dichlorobenzene	50.000	50.605	-1.2	85	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.685	-15.4	97	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.340	-6.7	91	-0.01
94 T	Hexachlorobutadiene	50.000	50.470	-0.9	87	-0.01
95 T	Naphthalene	50.000	53.620	-7.2	89	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	54.639	-9.3	93	-0.01

(#) = Out of Range

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