

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF121118\
 Data File : VF060972.D
 Acq On : 11 Dec 2018 12:54
 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 12 06:35:58 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	97	-0.04
2 T	Dichlorodifluoromethane	50.000	41.297	17.4	81	-0.01
3 P	Chloromethane	50.000	42.810	14.4	93	-0.01
4 C	Vinyl Chloride	50.000	46.067	7.9#	92	-0.01
5 T	Bromomethane	50.000	46.187	7.6	87	-0.01
6 T	Chloroethane	50.000	51.315	-2.6	96	0.00
7 T	Trichlorofluoromethane	50.000	46.555	6.9	88	-0.02
8 T	Diethyl Ether	50.000	46.599	6.8	91	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.688	2.6	94	0.00
10 T	Methyl Iodide	50.000	49.194	1.6	95	0.00
11 T	Tert butyl alcohol	250.000	233.524	6.6	86	-0.01
12 CM	1,1-Dichloroethene	50.000	46.564	6.9#	91	-0.01
13 T	Acrolein	250.000	208.015	16.8	74	-0.01
14 T	Allyl chloride	50.000	43.843	12.3	76	-0.02
15 T	Acrylonitrile	250.000	237.823	4.9	93	-0.02
16 T	Acetone	250.000	289.279	-15.7	110	-0.02
17 T	Carbon Disulfide	50.000	42.651	14.7	86	-0.03
18 T	Methyl Acetate	50.000	51.837	-3.7	103	-0.02
19 T	Methyl tert-butyl Ether	50.000	46.309	7.4	89	-0.02
20 T	Methylene Chloride	50.000	45.615	8.8	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	40.352	19.3	77	-0.03
22 T	Diisopropyl ether	50.000	50.196	-0.4	96	-0.03
23 T	Vinyl Acetate	250.000	260.602	-4.2	99	-0.03
24 P	1,1-Dichloroethane	50.000	50.866	-1.7	94	-0.03
25 T	2-Butanone	250.000	257.916	-3.2	98	-0.03
26 T	2,2-Dichloropropane	50.000	48.238	3.5	90	-0.04
27 T	cis-1,2-Dichloroethene	50.000	49.789	0.4	97	-0.03
28 T	Bromochloromethane	50.000	49.782	0.4	102	-0.04
29	Tetrahydrofuran	250.000	232.922	6.8	93	-0.03
30 C	Chloroform	50.000	48.740	2.5#	96	-0.03
31 T	Cyclohexane	50.000	44.307	11.4	90	-0.04
32 T	1,1,1-Trichloroethane	50.000	42.803	14.4	77	-0.04
33 S	1,2-Dichloroethane-d4	50.000	50.413	-0.8	94	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	-0.04
35 S	Dibromofluoromethane	50.000	50.985	-2.0	100	-0.04
36 T	1,1-Dichloropropene	50.000	47.167	5.7	93	-0.04
37 T	Ethyl Acetate	50.000	45.802	8.4	92	-0.04
38 T	Carbon Tetrachloride	50.000	41.746	16.5	75	-0.04
39 T	Methylcyclohexane	50.000	40.815	18.4	80	-0.05
40 TM	Benzene	50.000	46.559	6.9	94	-0.04
41 T	Methacrylonitrile	50.000	47.596	4.8	93	-0.04
42 TM	1,2-Dichloroethane	50.000	46.808	6.4	88	-0.04
43 T	Isopropyl Acetate	50.000	43.819	12.4	83	-0.03
44 TM	Trichloroethene	50.000	45.309	9.4	92	-0.04
45 C	1,2-Dichloropropane	50.000	50.926	-1.9#	95	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.538	6.9	89	-0.04
47 T	Bromodichloromethane	50.000	47.187	5.6	90	-0.03
48 T	Methyl methacrylate	50.000	42.348	15.3	83	-0.04
49 T	1,4-Dioxane	1000.000	942.699	5.7	84	-0.04
50 S	Toluene-d8	50.000	47.427	5.1	93	-0.04
51 T	4-Methyl-2-Pentanone	250.000	227.068	9.2	93	-0.03
52 CM	Toluene	50.000	42.795	14.4#	92	-0.04
53 T	t-1,3-Dichloropropene	50.000	46.215	7.6	92	-0.03
54 T	cis-1,3-Dichloropropene	50.000	48.822	2.4	93	-0.04
55 T	1,1,2-Trichloroethane	50.000	47.702	4.6	95	-0.04
56 T	Ethyl methacrylate	50.000	46.268	7.5	85	-0.03
57 T	1,3-Dichloropropane	50.000	47.347	5.3	90	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	380.728	-52.3#	157	-0.04
59 T	2-Hexanone	250.000	240.650	3.7	98	-0.03
60 T	Dibromochloromethane	50.000	43.145	13.7	83	-0.03
61 T	1,2-Dibromoethane	50.000	45.957	8.1	90	-0.04
62 S	4-Bromofluorobenzene	50.000	47.632	4.7	94	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	-0.04
64 T	Tetrachloroethene	50.000	45.261	9.5	89	-0.03
65 PM	Chlorobenzene	50.000	47.364	5.3	84	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	45.218	9.6	84	-0.04
67 C	Ethyl Benzene	50.000	46.519	7.0#	85	-0.03
68 T	m/p-Xylenes	100.000	90.143	9.9	86	-0.04
69 T	o-Xylene	50.000	47.509	5.0	89	-0.03
70 T	Styrene	50.000	46.080	7.8	86	-0.03
71 P	Bromoform	50.000	44.463	11.1	82	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	-0.02
73 T	Isopropylbenzene	50.000	52.604	-5.2	93	-0.03
74 T	N-amyl acetate	50.000	47.967	4.1	85	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	51.342	-2.7	90	-0.03
76 T	1,2,3-Trichloropropane	50.000	49.549	0.9	87	-0.03
77 T	Bromobenzene	50.000	47.962	4.1	81	-0.03
78 T	n-propylbenzene	50.000	51.335	-2.7	91	-0.02
79 T	2-Chlorotoluene	50.000	51.455	-2.9	91	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	49.837	0.3	88	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	53.782	-7.6	96	-0.02
82 T	4-Chlorotoluene	50.000	49.994	0.0	91	-0.02
83 T	tert-Butylbenzene	50.000	51.295	-2.6	92	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	50.354	-0.7	87	-0.02
85 T	sec-Butylbenzene	50.000	49.936	0.1	90	-0.02
86 T	p-Isopropyltoluene	50.000	49.475	1.0	91	-0.02
87 T	1,3-Dichlorobenzene	50.000	48.269	3.5	87	-0.03
88 T	1,4-Dichlorobenzene	50.000	47.033	5.9	84	-0.03
89 T	n-Butylbenzene	50.000	50.411	-0.8	89	-0.02

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90 T	Hexachloroethane	50.000	49.752	0.5	85	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.120	3.8	84	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.555	2.9	85	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	49.841	0.3	88	-0.02
94 T	Hexachlorobutadiene	50.000	51.549	-3.1	92	-0.02
95 T	Naphthalene	50.000	44.953	10.1	78	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	48.973	2.1	86	-0.02

(#) = Out of Range

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