

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF031119\
 Data File : VF061883.D
 Acq On : 11 Mar 2019 11:06
 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: Mar 12 05:18:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 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	91	-0.02
2 T	Dichlorodifluoromethane	50.000	46.626	6.7	85	-0.01
3 P	Chloromethane	50.000	50.151	-0.3	93	0.00
4 C	Vinyl Chloride	50.000	50.630	-1.3#	91	-0.01
5 T	Bromomethane	50.000	54.339	-8.7	96	0.00
6 T	Chloroethane	50.000	53.488	-7.0	93	-0.01
7 T	Trichlorofluoromethane	50.000	54.911	-9.8	97	-0.01
8 T	Diethyl Ether	50.000	50.168	-0.3	87	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.927	-3.9	95	-0.02
10 T	Methyl Iodide	50.000	51.756	-3.5	93	-0.02
11 T	Tert butyl alcohol	250.000	256.094	-2.4	93	-0.02
12 CM	1,1-Dichloroethene	50.000	49.966	0.1#	91	-0.02
13 T	Acrolein	250.000	287.722	-15.1	107	-0.01
14 T	Allyl chloride	50.000	56.288	-12.6	102	-0.01
15 T	Acrylonitrile	250.000	236.451	5.4	87	-0.01
16 T	Acetone	250.000	304.756	-21.9	112	0.00
17 T	Carbon Disulfide	50.000	50.585	-1.2	89	-0.01
18 T	Methyl Acetate	50.000	62.729	-25.5#	108	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.711	-1.4	89	-0.01
20 T	Methylene Chloride	50.000	49.922	0.2	90	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.643	-5.3	101	-0.01
22 T	Diisopropyl ether	50.000	51.840	-3.7	92	-0.02
23 T	Vinyl Acetate	250.000	235.353	5.9	83	-0.01
24 P	1,1-Dichloroethane	50.000	50.106	-0.2	91	0.00
25 T	2-Butanone	250.000	249.278	0.3	91	-0.02
26 T	2,2-Dichloropropane	50.000	53.285	-6.6	96	-0.02
27 T	cis-1,2-Dichloroethene	50.000	51.200	-2.4	89	-0.01
28 T	Bromochloromethane	50.000	47.748	4.5	92	-0.02
29	Tetrahydrofuran	250.000	215.890	13.6	82	-0.02
30 C	Chloroform	50.000	48.794	2.4#	86	-0.02
31 T	Cyclohexane	50.000	47.063	5.9	83	-0.01
32 T	1,1,1-Trichloroethane	50.000	56.461	-12.9	102	-0.01
33 S	1,2-Dichloroethane-d4	50.000	55.968	-11.9	104	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	-0.02
35 S	Dibromofluoromethane	50.000	50.297	-0.6	97	-0.02
36 T	1,1-Dichloropropene	50.000	47.978	4.0	85	-0.02
37 T	Ethyl Acetate	50.000	47.767	4.5	91	-0.02
38 T	Carbon Tetrachloride	50.000	52.534	-5.1	89	-0.02
39 T	Methylcyclohexane	50.000	46.752	6.5	80	-0.02
40 TM	Benzene	50.000	47.105	5.8	83	-0.02
41 T	Methacrylonitrile	50.000	46.653	6.7	86	-0.01
42 TM	1,2-Dichloroethane	50.000	49.516	1.0	84	-0.02
43 T	Isopropyl Acetate	50.000	46.451	7.1	80	-0.02
44 TM	Trichloroethene	50.000	47.745	4.5	83	-0.02
45 C	1,2-Dichloropropane	50.000	45.024	10.0#	79	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.809	2.4	88	-0.02
47 T	Bromodichloromethane	50.000	48.084	3.8	84	-0.01
48 T	Methyl methacrylate	50.000	47.616	4.8	83	-0.02
49 T	1,4-Dioxane	1000.000	863.162	13.7	67	-0.02
50 S	Toluene-d8	50.000	48.754	2.5	93	-0.02
51 T	4-Methyl-2-Pentanone	250.000	243.328	2.7	88	-0.01
52 CM	Toluene	50.000	47.757	4.5#	84	-0.02
53 T	t-1,3-Dichloropropene	50.000	50.848	-1.7	90	-0.01
54 T	cis-1,3-Dichloropropene	50.000	47.931	4.1	85	-0.01
55 T	1,1,2-Trichloroethane	50.000	48.137	3.7	86	-0.02
56 T	Ethyl methacrylate	50.000	48.518	3.0	86	-0.02
57 T	1,3-Dichloropropane	50.000	48.802	2.4	82	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	244.792	2.1	94	-0.02
59 T	2-Hexanone	250.000	249.474	0.2	93	-0.01
60 T	Dibromochloromethane	50.000	47.659	4.7	84	-0.02
61 T	1,2-Dibromoethane	50.000	48.585	2.8	85	-0.01
62 S	4-Bromofluorobenzene	50.000	50.221	-0.4	95	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	-0.02
64 T	Tetrachloroethene	50.000	51.268	-2.5	82	-0.02
65 PM	Chlorobenzene	50.000	49.466	1.1	81	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.776	-7.6	91	-0.02
67 C	Ethyl Benzene	50.000	51.575	-3.2#	84	-0.02
68 T	m/p-Xylenes	100.000	102.241	-2.2	89	-0.01
69 T	o-Xylene	50.000	53.220	-6.4	86	-0.01
70 T	Styrene	50.000	51.075	-2.2	86	-0.02
71 P	Bromoform	50.000	51.944	-3.9	85	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	-0.01
73 T	Isopropylbenzene	50.000	50.285	-0.6	90	-0.01
74 T	N-amyl acetate	50.000	46.071	7.9	82	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	48.746	2.5	88	-0.01
76 T	1,2,3-Trichloropropane	50.000	44.467	11.1	82	-0.01
77 T	Bromobenzene	50.000	48.181	3.6	87	-0.01
78 T	n-propylbenzene	50.000	46.960	6.1	83	-0.01
79 T	2-Chlorotoluene	50.000	46.428	7.1	85	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	45.573	8.9	81	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	51.054	-2.1	97	-0.01
82 T	4-Chlorotoluene	50.000	47.885	4.2	84	-0.01
83 T	tert-Butylbenzene	50.000	49.581	0.8	86	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.087	1.8	85	-0.01
85 T	sec-Butylbenzene	50.000	49.856	0.3	87	-0.01
86 T	p-Isopropyltoluene	50.000	47.977	4.0	88	-0.01
87 T	1,3-Dichlorobenzene	50.000	47.197	5.6	87	-0.01
88 T	1,4-Dichlorobenzene	50.000	50.043	-0.1	91	-0.01
89 T	n-Butylbenzene	50.000	48.710	2.6	88	-0.01

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90 T	Hexachloroethane	50.000	50.723	-1.4	87	0.00
91 T	1,2-Dichlorobenzene	50.000	46.932	6.1	86	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.042	9.9	90	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.136	1.7	91	-0.01
94 T	Hexachlorobutadiene	50.000	46.338	7.3	85	0.00
95 T	Naphthalene	50.000	49.854	0.3	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.656	0.7	88	0.00

(#) = Out of Range

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