

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011119\
 Data File : VF061361.D
 Acq On : 11 Jan 2019 11:37
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 12 03:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 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	98	-0.03
2 T	Dichlorodifluoromethane	50.000	49.649	0.7	90	0.00
3 P	Chloromethane	50.000	40.744	18.5	76	0.00
4 C	Vinyl Chloride	50.000	43.073	13.9#	76	0.00
5 T	Bromomethane	50.000	41.131	17.7	76	0.00
6 T	Chloroethane	50.000	44.967	10.1	76	0.00
7 T	Trichlorofluoromethane	50.000	52.623	-5.2	92	0.00
8 T	Diethyl Ether	50.000	44.302	11.4	75	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.401	11.2	77	0.00
10 T	Methyl Iodide	50.000	43.346	13.3	76	-0.01
11 T	Tert butyl alcohol	250.000	229.046	8.4	97	-0.02
12 CM	1,1-Dichloroethene	50.000	44.328	11.3#	76	0.02
13 T	Acrolein	250.000	249.795	0.1	87	-0.02
14 T	Allyl chloride	50.000	45.228	9.5	79	-0.01
15 T	Acrylonitrile	250.000	206.372	17.5	78	-0.02
16 T	Acetone	250.000	275.786	-10.3	107	-0.01
17 T	Carbon Disulfide	50.000	41.940	16.1	71	-0.01
18 T	Methyl Acetate	50.000	45.714	8.6	85	-0.01
19 T	Methyl tert-butyl Ether	50.000	45.229	9.5	76	-0.02
20 T	Methylene Chloride	50.000	43.803	12.4	79	-0.01
21 T	trans-1,2-Dichloroethene	50.000	46.405	7.2	79	-0.01
22 T	Diisopropyl ether	50.000	43.891	12.2	77	-0.01
23 T	Vinyl Acetate	250.000	277.373	-10.9	98	-0.02
24 P	1,1-Dichloroethane	50.000	45.768	8.5	82	-0.02
25 T	2-Butanone	250.000	251.520	-0.6	101	-0.02
26 T	2,2-Dichloropropane	50.000	47.399	5.2	81	-0.03
27 T	cis-1,2-Dichloroethene	50.000	46.921	6.2	87	-0.02
28 T	Bromochloromethane	50.000	47.011	6.0	85	-0.02
29	Tetrahydrofuran	250.000	234.733	6.1	90	-0.03
30 C	Chloroform	50.000	52.014	-4.0#	92	-0.03
31 T	Cyclohexane	50.000	46.228	7.5	83	-0.03
32 T	1,1,1-Trichloroethane	50.000	48.802	2.4	83	-0.03
33 S	1,2-Dichloroethane-d4	50.000	58.045	-16.1	107	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	-0.03
35 S	Dibromofluoromethane	50.000	52.116	-4.2	100	-0.03
36 T	1,1-Dichloropropene	50.000	46.645	6.7	93	-0.03
37 T	Ethyl Acetate	50.000	46.074	7.9	98	-0.03
38 T	Carbon Tetrachloride	50.000	46.863	6.3	87	-0.03
39 T	Methylcyclohexane	50.000	39.819	20.4	75	-0.04
40 TM	Benzene	50.000	44.678	10.6	91	-0.03
41 T	Methacrylonitrile	50.000	47.685	4.6	98	-0.02
42 TM	1,2-Dichloroethane	50.000	50.980	-2.0	102	-0.02
43 T	Isopropyl Acetate	50.000	48.540	2.9	98	-0.03
44 TM	Trichloroethene	50.000	46.540	6.9	92	-0.03
45 C	1,2-Dichloropropane	50.000	48.154	3.7#	94	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.240	-0.5	100	-0.03
47 T	Bromodichloromethane	50.000	52.091	-4.2	99	-0.03
48 T	Methyl methacrylate	50.000	45.989	8.0	86	-0.02
49 T	1,4-Dioxane	1000.000	938.294	6.2	97	-0.02
50 S	Toluene-d8	50.000	52.085	-4.2	100	-0.03
51 T	4-Methyl-2-Pentanone	250.000	232.193	7.1	90	-0.03
52 CM	Toluene	50.000	45.805	8.4#	90	-0.03
53 T	t-1,3-Dichloropropene	50.000	50.076	-0.2	97	-0.03
54 T	cis-1,3-Dichloropropene	50.000	50.002	-0.0	96	-0.03
55 T	1,1,2-Trichloroethane	50.000	48.616	2.8	96	-0.02
56 T	Ethyl methacrylate	50.000	45.996	8.0	89	-0.03
57 T	1,3-Dichloropropane	50.000	47.974	4.1	92	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	208.856	16.5	71	-0.03
59 T	2-Hexanone	250.000	248.714	0.5	103	-0.03
60 T	Dibromochloromethane	50.000	53.610	-7.2	97	-0.03
61 T	1,2-Dibromoethane	50.000	50.229	-0.5	99	-0.03
62 S	4-Bromofluorobenzene	50.000	51.299	-2.6	103	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	-0.03
64 T	Tetrachloroethene	50.000	47.349	5.3	94	-0.03
65 PM	Chlorobenzene	50.000	45.775	8.5	94	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	45.454	9.1	91	-0.03
67 C	Ethyl Benzene	50.000	43.465	13.1#	87	-0.02
68 T	m/p-Xylenes	100.000	92.636	7.4	96	-0.03
69 T	o-Xylene	50.000	42.755	14.5	83	-0.03
70 T	Styrene	50.000	44.180	11.6	87	-0.02
71 P	Bromoform	50.000	49.730	0.5	93	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	-0.02
73 T	Isopropylbenzene	50.000	48.509	3.0	90	-0.02
74 T	N-amyl acetate	50.000	50.478	-1.0	94	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	47.480	5.0	88	-0.02
76 T	1,2,3-Trichloropropane	50.000	47.018	6.0	94	-0.02
77 T	Bromobenzene	50.000	47.571	4.9	91	-0.02
78 T	n-propylbenzene	50.000	47.165	5.7	91	-0.02
79 T	2-Chlorotoluene	50.000	46.773	6.5	90	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.833	2.3	95	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	50.380	-0.8	99	-0.02
82 T	4-Chlorotoluene	50.000	48.287	3.4	97	-0.02
83 T	tert-Butylbenzene	50.000	49.413	1.2	95	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	46.120	7.8	87	-0.02
85 T	sec-Butylbenzene	50.000	46.847	6.3	89	-0.02
86 T	p-Isopropyltoluene	50.000	46.087	7.8	87	-0.02
87 T	1,3-Dichlorobenzene	50.000	45.138	9.7	89	-0.02
88 T	1,4-Dichlorobenzene	50.000	48.195	3.6	92	-0.01
89 T	n-Butylbenzene	50.000	47.232	5.5	90	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.331	-0.7	94	-0.02
91 T	1,2-Dichlorobenzene	50.000	45.871	8.3	87	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.089	-0.2	87	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	49.221	1.6	91	-0.02
94 T	Hexachlorobutadiene	50.000	49.198	1.6	91	-0.01
95 T	Naphthalene	50.000	48.902	2.2	89	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	47.682	4.6	88	-0.02

(#) = Out of Range

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