

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF031419\
 Data File : VF061937.D
 Acq On : 14 Mar 2019 14:11
 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 15 01:35:09 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	96	-0.02
2 T	Dichlorodifluoromethane	50.000	44.710	10.6	86	-0.01
3 P	Chloromethane	50.000	50.554	-1.1	99	0.00
4 C	Vinyl Chloride	50.000	51.829	-3.7#	99	0.00
5 T	Bromomethane	50.000	51.487	-3.0	96	-0.01
6 T	Chloroethane	50.000	52.853	-5.7	97	-0.01
7 T	Trichlorofluoromethane	50.000	51.535	-3.1	96	-0.02
8 T	Diethyl Ether	50.000	50.844	-1.7	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.886	-5.8	103	0.00
10 T	Methyl Iodide	50.000	50.519	-1.0	96	0.00
11 T	Tert butyl alcohol	250.000	246.567	1.4	95	-0.02
12 CM	1,1-Dichloroethene	50.000	51.775	-3.5#	99	0.00
13 T	Acrolein	250.000	263.219	-5.3	103	0.00
14 T	Allyl chloride	50.000	59.408	-18.8	113	-0.01
15 T	Acrylonitrile	250.000	260.611	-4.2	101	0.00
16 T	Acetone	250.000	303.766	-21.5	118	0.00
17 T	Carbon Disulfide	50.000	50.137	-0.3	93	0.00
18 T	Methyl Acetate	50.000	66.494	-33.0#	122	-0.02
19 T	Methyl tert-butyl Ether	50.000	51.898	-3.8	96	-0.01
20 T	Methylene Chloride	50.000	52.497	-5.0	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.881	-13.8	115	-0.01
22 T	Diisopropyl ether	50.000	54.002	-8.0	101	-0.02
23 T	Vinyl Acetate	250.000	269.111	-7.6	101	-0.02
24 P	1,1-Dichloroethane	50.000	51.730	-3.5	99	0.00
25 T	2-Butanone	250.000	269.333	-7.7	104	-0.02
26 T	2,2-Dichloropropane	50.000	54.406	-8.8	104	-0.02
27 T	cis-1,2-Dichloroethene	50.000	52.300	-4.6	96	-0.02
28 T	Bromochloromethane	50.000	51.160	-2.3	104	-0.02
29	Tetrahydrofuran	250.000	249.419	0.2	100	-0.02
30 C	Chloroform	50.000	51.151	-2.3#	95	-0.02
31 T	Cyclohexane	50.000	50.028	-0.1	93	0.00
32 T	1,1,1-Trichloroethane	50.000	57.913	-15.8	110	-0.02
33 S	1,2-Dichloroethane-d4	50.000	51.474	-2.9	101	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	-0.02
35 S	Dibromofluoromethane	50.000	52.381	-4.8	107	-0.02
36 T	1,1-Dichloropropene	50.000	49.806	0.4	94	-0.02
37 T	Ethyl Acetate	50.000	47.284	5.4	96	-0.02
38 T	Carbon Tetrachloride	50.000	49.965	0.1	90	-0.02
39 T	Methylcyclohexane	50.000	50.772	-1.5	93	0.00
40 TM	Benzene	50.000	51.618	-3.2	97	-0.02
41 T	Methacrylonitrile	50.000	52.135	-4.3	103	-0.02
42 TM	1,2-Dichloroethane	50.000	50.545	-1.1	91	-0.02
43 T	Isopropyl Acetate	50.000	48.813	2.4	90	-0.02
44 TM	Trichloroethene	50.000	50.333	-0.7	93	-0.02
45 C	1,2-Dichloropropane	50.000	51.180	-2.4#	96	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.627	-1.3	97	-0.02
47 T	Bromodichloromethane	50.000	51.310	-2.6	95	0.00
48 T	Methyl methacrylate	50.000	50.718	-1.4	94	0.00
49 T	1,4-Dioxane	1000.000	1023.215	-2.3	84	-0.02
50 S	Toluene-d8	50.000	51.924	-3.8	106	-0.02
51 T	4-Methyl-2-Pentanone	250.000	258.250	-3.3	100	0.00
52 CM	Toluene	50.000	48.632	2.7#	91	-0.02
53 T	t-1,3-Dichloropropene	50.000	51.721	-3.4	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.169	-0.3	94	-0.02
55 T	1,1,2-Trichloroethane	50.000	49.696	0.6	95	-0.02
56 T	Ethyl methacrylate	50.000	48.473	3.1	92	-0.02
57 T	1,3-Dichloropropane	50.000	50.944	-1.9	91	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	242.346	3.1	99	-0.02
59 T	2-Hexanone	250.000	262.593	-5.0	105	0.00
60 T	Dibromochloromethane	50.000	48.295	3.4	91	-0.02
61 T	1,2-Dibromoethane	50.000	49.317	1.4	92	0.00
62 S	4-Bromofluorobenzene	50.000	47.022	6.0	94	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	50.273	-0.5	88	-0.02
65 PM	Chlorobenzene	50.000	50.736	-1.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.479	-5.0	97	-0.02
67 C	Ethyl Benzene	50.000	51.515	-3.0#	92	-0.02
68 T	m/p-Xylenes	100.000	100.340	-0.3	95	0.00
69 T	o-Xylene	50.000	53.232	-6.5	95	0.00
70 T	Styrene	50.000	51.060	-2.1	94	-0.02
71 P	Bromoform	50.000	49.373	1.3	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	51.011	-2.0	91	0.00
74 T	N-amyl acetate	50.000	54.079	-8.2	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.653	-3.3	93	-0.02
76 T	1,2,3-Trichloropropane	50.000	52.235	-4.5	96	-0.02
77 T	Bromobenzene	50.000	49.742	0.5	90	0.00
78 T	n-propylbenzene	50.000	50.926	-1.9	90	0.00
79 T	2-Chlorotoluene	50.000	50.317	-0.6	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.388	-4.8	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.860	-11.7	107	0.00
82 T	4-Chlorotoluene	50.000	50.415	-0.8	89	0.00
83 T	tert-Butylbenzene	50.000	53.435	-6.9	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.305	-2.6	89	0.00
85 T	sec-Butylbenzene	50.000	53.900	-7.8	94	0.00
86 T	p-Isopropyltoluene	50.000	53.667	-7.3	98	0.00
87 T	1,3-Dichlorobenzene	50.000	50.809	-1.6	94	0.00
88 T	1,4-Dichlorobenzene	50.000	51.572	-3.1	94	0.00
89 T	n-Butylbenzene	50.000	52.987	-6.0	96	0.00

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90 T	Hexachloroethane	50.000	52.020	-4.0	89	0.00
91 T	1,2-Dichlorobenzene	50.000	49.472	1.1	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.489	5.0	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.122	1.8	91	-0.02
94 T	Hexachlorobutadiene	50.000	47.022	6.0	87	0.00
95 T	Naphthalene	50.000	54.049	-8.1	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.985	-6.0	93	0.00

(#) = Out of Range

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