

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061861.D
 Acq On : 8 Mar 2019 13:27
 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 09 02:02:12 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	100	-0.04
2 T	Dichlorodifluoromethane	50.000	46.267	7.5	93	-0.02
3 P	Chloromethane	50.000	47.804	4.4	97	0.00
4 C	Vinyl Chloride	50.000	48.459	3.1#	96	0.00
5 T	Bromomethane	50.000	52.990	-6.0	102	0.00
6 T	Chloroethane	50.000	55.607	-11.2	106	-0.03
7 T	Trichlorofluoromethane	50.000	53.880	-7.8	104	-0.02
8 T	Diethyl Ether	50.000	51.015	-2.0	97	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.152	-6.3	107	-0.03
10 T	Methyl Iodide	50.000	51.158	-2.3	101	-0.05
11 T	Tert butyl alcohol	250.000	243.638	2.5	97	-0.03
12 CM	1,1-Dichloroethene	50.000	48.340	3.3#	96	-0.03
13 T	Acrolein	250.000	254.180	-1.7	103	-0.03
14 T	Allyl chloride	50.000	70.570	-41.1#	140	-0.02
15 T	Acrylonitrile	250.000	254.286	-1.7	103	-0.03
16 T	Acetone	250.000	302.867	-21.1	122	-0.02
17 T	Carbon Disulfide	50.000	50.974	-1.9	98	0.00
18 T	Methyl Acetate	50.000	54.364	-8.7	100	-0.03
19 T	Methyl tert-butyl Ether	50.000	49.872	0.3	96	-0.02
20 T	Methylene Chloride	50.000	50.770	-1.5	100	-0.02
21 T	trans-1,2-Dichloroethene	50.000	54.759	-9.5	115	-0.03
22 T	Diisopropyl ether	50.000	50.575	-1.2	98	-0.03
23 T	Vinyl Acetate	250.000	251.735	-0.7	98	-0.03
24 P	1,1-Dichloroethane	50.000	51.117	-2.2	102	-0.02
25 T	2-Butanone	250.000	247.469	1.0	99	-0.05
26 T	2,2-Dichloropropane	50.000	57.435	-14.9	114	-0.04
27 T	cis-1,2-Dichloroethene	50.000	49.948	0.1	95	-0.03
28 T	Bromochloromethane	50.000	52.206	-4.4	110	-0.04
29	Tetrahydrofuran	250.000	235.934	5.6	98	-0.04
30 C	Chloroform	50.000	51.226	-2.5#	99	-0.04
31 T	Cyclohexane	50.000	49.661	0.7	96	-0.03
32 T	1,1,1-Trichloroethane	50.000	61.520	-23.0	122	-0.04
33 S	1,2-Dichloroethane-d4	50.000	55.392	-10.8	113	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	-0.04
35 S	Dibromofluoromethane	50.000	52.666	-5.3	117	-0.04
36 T	1,1-Dichloropropene	50.000	47.767	4.5	98	-0.04
37 T	Ethyl Acetate	50.000	45.486	9.0	100	-0.05
38 T	Carbon Tetrachloride	50.000	52.516	-5.0	103	-0.05
39 T	Methylcyclohexane	50.000	47.297	5.4	94	-0.04
40 TM	Benzene	50.000	46.330	7.3	94	-0.04
41 T	Methacrylonitrile	50.000	45.199	9.6	97	-0.04
42 TM	1,2-Dichloroethane	50.000	46.081	7.8	90	-0.04
43 T	Isopropyl Acetate	50.000	43.031	13.9	86	-0.04
44 TM	Trichloroethene	50.000	46.416	7.2	93	-0.04
45 C	1,2-Dichloropropane	50.000	46.625	6.8#	95	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	45.437	9.1	94	-0.04
47 T	Bromodichloromethane	50.000	47.205	5.6	95	-0.04
48 T	Methyl methacrylate	50.000	44.921	10.2	90	-0.04
49 T	1,4-Dioxane	1000.000	829.910	17.0	74	-0.04
50 S	Toluene-d8	50.000	51.719	-3.4	114	-0.04
51 T	4-Methyl-2-Pentanone	250.000	220.220	11.9	92	-0.04
52 CM	Toluene	50.000	45.589	8.8#	93	-0.04
53 T	t-1,3-Dichloropropene	50.000	46.023	8.0	94	-0.03
54 T	cis-1,3-Dichloropropene	50.000	47.129	5.7	96	-0.04
55 T	1,1,2-Trichloroethane	50.000	45.535	8.9	94	-0.04
56 T	Ethyl methacrylate	50.000	48.624	2.8	99	-0.04
57 T	1,3-Dichloropropane	50.000	46.577	6.8	90	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	288.372	-15.3	127	-0.04
59 T	2-Hexanone	250.000	230.215	7.9	99	-0.03
60 T	Dibromochloromethane	50.000	47.540	4.9	97	-0.04
61 T	1,2-Dibromoethane	50.000	46.382	7.2	93	-0.04
62 S	4-Bromofluorobenzene	50.000	51.277	-2.6	111	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	-0.04
64 T	Tetrachloroethene	50.000	46.894	6.2	89	-0.04
65 PM	Chlorobenzene	50.000	47.388	5.2	92	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	48.238	3.5	96	-0.04
67 C	Ethyl Benzene	50.000	47.812	4.4#	92	-0.04
68 T	m/p-Xylenes	100.000	93.932	6.1	96	-0.03
69 T	o-Xylene	50.000	47.303	5.4	91	-0.03
70 T	Styrene	50.000	47.751	4.5	95	-0.03
71 P	Bromoform	50.000	48.915	2.2	95	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	-0.02
73 T	Isopropylbenzene	50.000	47.232	5.5	95	-0.03
74 T	N-amyl acetate	50.000	45.079	9.8	90	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	46.155	7.7	94	-0.03
76 T	1,2,3-Trichloropropane	50.000	49.339	1.3	102	-0.03
77 T	Bromobenzene	50.000	45.846	8.3	94	-0.02
78 T	n-propylbenzene	50.000	46.603	6.8	93	-0.02
79 T	2-Chlorotoluene	50.000	46.150	7.7	95	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	46.889	6.2	94	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	47.701	4.6	103	-0.02
82 T	4-Chlorotoluene	50.000	46.121	7.8	91	-0.03
83 T	tert-Butylbenzene	50.000	48.060	3.9	94	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	47.129	5.7	92	-0.02
85 T	sec-Butylbenzene	50.000	47.810	4.4	94	-0.02
86 T	p-Isopropyltoluene	50.000	49.732	0.5	103	-0.03
87 T	1,3-Dichlorobenzene	50.000	47.835	4.3	99	-0.03
88 T	1,4-Dichlorobenzene	50.000	48.089	3.8	99	-0.03
89 T	n-Butylbenzene	50.000	47.733	4.5	97	-0.02

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90 T	Hexachloroethane	50.000	48.603	2.8	94	-0.02
91 T	1,2-Dichlorobenzene	50.000	45.262	9.5	94	-0.03
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.755	8.5	103	-0.03
93 T	1,2,4-Trichlorobenzene	50.000	48.491	3.0	102	-0.03
94 T	Hexachlorobutadiene	50.000	47.197	5.6	98	-0.02
95 T	Naphthalene	50.000	48.037	3.9	96	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	49.251	1.5	98	-0.02

(#) = Out of Range

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