

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
 Data File : VF061492.D
 Acq On : 24 Jan 2019 10:54
 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: Jan 25 04:21:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 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	117	0.03
2 T	Dichlorodifluoromethane	50.000	48.685	2.6	112	0.01
3 P	Chloromethane	50.000	50.974	-1.9	129	0.01
4 C	Vinyl Chloride	50.000	51.458	-2.9#	128	0.01
5 T	Bromomethane	50.000	51.989	-4.0	119	0.00
6 T	Chloroethane	50.000	54.659	-9.3	120	0.02
7 T	Trichlorofluoromethane	50.000	43.979	12.0	107	0.01
8 T	Diethyl Ether	50.000	52.517	-5.0	124	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.627	2.7	120	0.02
10 T	Methyl Iodide	50.000	52.967	-5.9	124	0.01
11 T	Tert butyl alcohol	250.000	227.136	9.1	109	0.03
12 CM	1,1-Dichloroethene	50.000	54.925	-9.8#	134	0.02
13 T	Acrolein	250.000	294.721	-17.9	139	0.02
14 T	Allyl chloride	50.000	68.085	-36.2#	145	0.02
15 T	Acrylonitrile	250.000	241.560	3.4	125	0.03
16 T	Acetone	250.000	294.057	-17.6	142	0.02
17 T	Carbon Disulfide	50.000	55.768	-11.5	133	0.01
18 T	Methyl Acetate	50.000	51.676	-3.4	129	0.03
19 T	Methyl tert-butyl Ether	50.000	45.710	8.6	107	0.02
20 T	Methylene Chloride	50.000	52.983	-6.0	127	0.02
21 T	trans-1,2-Dichloroethene	50.000	51.253	-2.5	130	0.02
22 T	Diisopropyl ether	50.000	49.605	0.8	116	0.02
23 T	Vinyl Acetate	250.000	255.348	-2.1	108	0.03
24 P	1,1-Dichloroethane	50.000	49.179	1.6	116	0.03
25 T	2-Butanone	250.000	282.406	-13.0	136	0.04
26 T	2,2-Dichloropropane	50.000	44.777	10.4	117	0.03
27 T	cis-1,2-Dichloroethene	50.000	51.426	-2.9	120	0.04
28 T	Bromochloromethane	50.000	47.938	4.1	120	0.03
29	Tetrahydrofuran	250.000	244.314	2.3	111	0.04
30 C	Chloroform	50.000	48.546	2.9#	112	0.04
31 T	Cyclohexane	50.000	54.002	-8.0	132	0.04
32 T	1,1,1-Trichloroethane	50.000	40.704	18.6	113	0.04
33 S	1,2-Dichloroethane-d4	50.000	36.956	26.1#	85	0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.03
35 S	Dibromofluoromethane	50.000	41.359	17.3	93	0.04
36 T	1,1-Dichloropropene	50.000	53.877	-7.8	122	0.04
37 T	Ethyl Acetate	50.000	53.231	-6.5	122	0.04
38 T	Carbon Tetrachloride	50.000	46.575	6.8	115	0.04
39 T	Methylcyclohexane	50.000	52.894	-5.8	133	0.03
40 TM	Benzene	50.000	51.113	-2.2	123	0.04
41 T	Methacrylonitrile	50.000	49.175	1.7	118	0.04
42 TM	1,2-Dichloroethane	50.000	49.603	0.8	109	0.04
43 T	Isopropyl Acetate	50.000	54.033	-8.1	121	0.03
44 TM	Trichloroethene	50.000	53.549	-7.1	123	0.04
45 C	1,2-Dichloropropane	50.000	53.975	-8.0#	119	0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.718	-1.4	110	0.04
47 T	Bromodichloromethane	50.000	52.440	-4.9	118	0.04
48 T	Methyl methacrylate	50.000	52.202	-4.4	116	0.03
49 T	1,4-Dioxane	1000.000	1056.854	-5.7	101	0.04
50 S	Toluene-d8	50.000	41.773	16.5	97	0.03
51 T	4-Methyl-2-Pentanone	250.000	256.052	-2.4	118	0.04
52 CM	Toluene	50.000	51.105	-2.2#	120	0.04
53 T	t-1,3-Dichloropropene	50.000	51.282	-2.6	112	0.04
54 T	cis-1,3-Dichloropropene	50.000	52.017	-4.0	108	0.04
55 T	1,1,2-Trichloroethane	50.000	51.195	-2.4	113	0.03
56 T	Ethyl methacrylate	50.000	50.601	-1.2	114	0.03
57 T	1,3-Dichloropropane	50.000	50.306	-0.6	109	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	317.283	-26.9#	145	0.03
59 T	2-Hexanone	250.000	282.387	-13.0	128	0.04
60 T	Dibromochloromethane	50.000	49.544	0.9	107	0.03
61 T	1,2-Dibromoethane	50.000	50.017	-0.0	110	0.04
62 S	4-Bromofluorobenzene	50.000	38.066	23.9	88	0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.04
64 T	Tetrachloroethene	50.000	54.360	-8.7	114	0.03
65 PM	Chlorobenzene	50.000	53.408	-6.8	115	0.04
66 T	1,1,1,2-Tetrachloroethane	50.000	52.197	-4.4	114	0.03
67 C	Ethyl Benzene	50.000	51.182	-2.4#	116	0.03
68 T	m/p-Xylenes	100.000	102.474	-2.5	114	0.04
69 T	o-Xylene	50.000	53.536	-7.1	119	0.03
70 T	Styrene	50.000	50.364	-0.7	118	0.03
71 P	Bromoform	50.000	53.565	-7.1	111	0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.02
73 T	Isopropylbenzene	50.000	57.094	-14.2	111	0.03
74 T	N-amyl acetate	50.000	61.755	-23.5	118	0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	53.149	-6.3	107	0.02
76 T	1,2,3-Trichloropropane	50.000	55.028	-10.1	109	0.03
77 T	Bromobenzene	50.000	56.157	-12.3	108	0.02
78 T	n-propylbenzene	50.000	53.245	-6.5	109	0.02
79 T	2-Chlorotoluene	50.000	53.813	-7.6	109	0.03
80 T	1,3,5-Trimethylbenzene	50.000	56.471	-12.9	113	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	57.298	-14.6	103	0.02
82 T	4-Chlorotoluene	50.000	54.024	-8.0	109	0.02
83 T	tert-Butylbenzene	50.000	55.840	-11.7	111	0.03
84 T	1,2,4-Trimethylbenzene	50.000	55.068	-10.1	113	0.02
85 T	sec-Butylbenzene	50.000	55.773	-11.5	109	0.02
86 T	p-Isopropyltoluene	50.000	55.885	-11.8	113	0.02
87 T	1,3-Dichlorobenzene	50.000	52.371	-4.7	110	0.02
88 T	1,4-Dichlorobenzene	50.000	52.902	-5.8	104	0.03
89 T	n-Butylbenzene	50.000	53.965	-7.9	109	0.02

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90 T	Hexachloroethane	50.000	62.427	-24.9	122	0.02
91 T	1,2-Dichlorobenzene	50.000	53.689	-7.4	106	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.447	-10.9	105	0.02
93 T	1,2,4-Trichlorobenzene	50.000	54.027	-8.1	107	0.02
94 T	Hexachlorobutadiene	50.000	54.895	-9.8	108	0.02
95 T	Naphthalene	50.000	53.381	-6.8	101	0.02
96 T	1,2,3-Trichlorobenzene	50.000	53.348	-6.7	103	0.02

(#) = Out of Range

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