

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF012119\
 Data File : VF061468.D
 Acq On : 21 Jan 2019 11:39
 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 22 06:35:17 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	100	0.01
2 T	Dichlorodifluoromethane	50.000	50.874	-1.7	101	0.00
3 P	Chloromethane	50.000	57.264	-14.5	124	0.00
4 C	Vinyl Chloride	50.000	57.403	-14.8#	123	0.00
5 T	Bromomethane	50.000	54.355	-8.7	107	-0.03
6 T	Chloroethane	50.000	57.681	-15.4	109	-0.02
7 T	Trichlorofluoromethane	50.000	50.260	-0.5	105	0.00
8 T	Diethyl Ether	50.000	53.827	-7.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.057	-2.1	108	-0.02
10 T	Methyl Iodide	50.000	56.752	-13.5	114	-0.03
11 T	Tert butyl alcohol	250.000	235.632	5.7	97	0.00
12 CM	1,1-Dichloroethene	50.000	59.608	-19.2#	125	-0.02
13 T	Acrolein	250.000	337.914	-35.2#	137	0.00
14 T	Allyl chloride	50.000	85.493	-71.0#	168	0.00
15 T	Acrylonitrile	250.000	248.180	0.7	110	0.00
16 T	Acetone	250.000	316.085	-26.4#	131	0.00
17 T	Carbon Disulfide	50.000	59.992	-20.0	123	-0.06
18 T	Methyl Acetate	50.000	46.637	6.7	100	0.00
19 T	Methyl tert-butyl Ether	50.000	48.265	3.5	97	0.00
20 T	Methylene Chloride	50.000	68.694	-37.4#	140	0.01
21 T	trans-1,2-Dichloroethene	50.000	55.841	-11.7	122	0.00
22 T	Diisopropyl ether	50.000	53.988	-8.0	108	0.00
23 T	Vinyl Acetate	250.000	247.142	1.1	90	0.01
24 P	1,1-Dichloroethane	50.000	51.973	-3.9	105	0.01
25 T	2-Butanone	250.000	247.322	1.1	102	0.00
26 T	2,2-Dichloropropane	50.000	55.090	-10.2	123	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.769	-3.5	104	0.01
28 T	Bromochloromethane	50.000	46.715	6.6	101	0.01
29	Tetrahydrofuran	250.000	239.161	4.3	93	0.00
30 C	Chloroform	50.000	47.693	4.6#	95	0.01
31 T	Cyclohexane	50.000	52.801	-5.6	111	0.01
32 T	1,1,1-Trichloroethane	50.000	54.446	-8.9	130	0.01
33 S	1,2-Dichloroethane-d4	50.000	45.700	8.6	90	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	51.253	-2.5	96	0.01
36 T	1,1-Dichloropropene	50.000	51.891	-3.8	98	0.01
37 T	Ethyl Acetate	50.000	47.396	5.2	90	0.01
38 T	Carbon Tetrachloride	50.000	56.354	-12.7	115	0.02
39 T	Methylcyclohexane	50.000	55.580	-11.2	116	0.01
40 TM	Benzene	50.000	51.783	-3.6	103	0.01
41 T	Methacrylonitrile	50.000	47.297	5.4	94	0.01
42 TM	1,2-Dichloroethane	50.000	48.368	3.3	88	0.01
43 T	Isopropyl Acetate	50.000	47.433	5.1	88	0.00
44 TM	Trichloroethene	50.000	51.285	-2.6	97	0.01
45 C	1,2-Dichloropropane	50.000	52.422	-4.8#	96	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.169	1.7	89	0.01
47 T	Bromodichloromethane	50.000	51.117	-2.2	95	0.01
48 T	Methyl methacrylate	50.000	48.723	2.6	90	0.01
49 T	1,4-Dioxane	1000.000	1132.809	-13.3	89	0.01
50 S	Toluene-d8	50.000	54.474	-8.9	105	0.01
51 T	4-Methyl-2-Pentanone	250.000	249.364	0.3	95	0.01
52 CM	Toluene	50.000	52.326	-4.7#	102	0.01
53 T	t-1,3-Dichloropropene	50.000	51.616	-3.2	94	0.01
54 T	cis-1,3-Dichloropropene	50.000	52.945	-5.9	91	0.01
55 T	1,1,2-Trichloroethane	50.000	52.615	-5.2	97	0.01
56 T	Ethyl methacrylate	50.000	49.778	0.4	93	0.01
57 T	1,3-Dichloropropane	50.000	49.374	1.3	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	206.801	17.3	74	0.00
59 T	2-Hexanone	250.000	284.252	-13.7	107	0.01
60 T	Dibromochloromethane	50.000	52.626	-5.3	95	0.00
61 T	1,2-Dibromoethane	50.000	47.463	5.1	86	0.01
62 S	4-Bromofluorobenzene	50.000	49.681	0.6	95	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.01
64 T	Tetrachloroethene	50.000	47.589	4.8	95	0.00
65 PM	Chlorobenzene	50.000	49.762	0.5	102	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	48.644	2.7	101	0.01
67 C	Ethyl Benzene	50.000	48.501	3.0#	104	0.01
68 T	m/p-Xylenes	100.000	91.520	8.5	97	0.01
69 T	o-Xylene	50.000	47.366	5.3	100	0.01
70 T	Styrene	50.000	49.054	1.9	109	0.01
71 P	Bromoform	50.000	47.125	5.8	93	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	52.854	-5.7	99	0.01
74 T	N-amyl acetate	50.000	49.775	0.5	92	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	47.363	5.3	92	0.00
76 T	1,2,3-Trichloropropane	50.000	47.356	5.3	91	0.00
77 T	Bromobenzene	50.000	48.202	3.6	90	0.00
78 T	n-propylbenzene	50.000	50.691	-1.4	101	0.00
79 T	2-Chlorotoluene	50.000	50.853	-1.7	100	0.01
80 T	1,3,5-Trimethylbenzene	50.000	52.617	-5.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.838	-1.7	89	0.00
82 T	4-Chlorotoluene	50.000	50.191	-0.4	98	0.00
83 T	tert-Butylbenzene	50.000	50.955	-1.9	98	0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.605	0.8	98	0.00
85 T	sec-Butylbenzene	50.000	50.770	-1.5	96	0.00
86 T	p-Isopropyltoluene	50.000	50.620	-1.2	99	0.00
87 T	1,3-Dichlorobenzene	50.000	46.599	6.8	96	0.00
88 T	1,4-Dichlorobenzene	50.000	49.044	1.9	93	0.01
89 T	n-Butylbenzene	50.000	50.883	-1.8	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.541	-9.1	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.450	3.1	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.136	5.7	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.890	8.2	88	0.00
94 T	Hexachlorobutadiene	50.000	50.209	-0.4	95	0.00
95 T	Naphthalene	50.000	46.058	7.9	84	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.892	8.2	86	0.00

(#) = Out of Range

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