

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF021119\
 Data File : VF061581.D
 Acq On : 11 Feb 2019 12:36
 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: Feb 12 03:34:45 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	98	-0.02
2 T	Dichlorodifluoromethane	50.000	44.780	10.4	87	0.00
3 P	Chloromethane	50.000	43.750	12.5	93	0.00
4 C	Vinyl Chloride	50.000	46.457	7.1#	97	0.00
5 T	Bromomethane	50.000	51.161	-2.3	99	0.00
6 T	Chloroethane	50.000	52.198	-4.4	96	-0.01
7 T	Trichlorofluoromethane	50.000	46.557	6.9	96	0.00
8 T	Diethyl Ether	50.000	54.230	-8.5	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.601	4.8	99	-0.01
10 T	Methyl Iodide	50.000	48.369	3.3	95	-0.02
11 T	Tert butyl alcohol	250.000	249.730	0.1	101	0.00
12 CM	1,1-Dichloroethene	50.000	51.340	-2.7#	106	-0.02
13 T	Acrolein	250.000	272.157	-8.9	107	0.00
14 T	Allyl chloride	50.000	74.429	-48.9#	137	0.00
15 T	Acrylonitrile	250.000	257.335	-2.9	112	0.00
16 T	Acetone	250.000	287.906	-15.2	117	0.00
17 T	Carbon Disulfide	50.000	46.232	7.5	93	0.00
18 T	Methyl Acetate	50.000	58.235	-16.5	123	0.00
19 T	Methyl tert-butyl Ether	50.000	50.233	-0.5	99	0.00
20 T	Methylene Chloride	50.000	51.682	-3.4	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.027	3.9	103	0.00
22 T	Diisopropyl ether	50.000	51.194	-2.4	101	0.00
23 T	Vinyl Acetate	250.000	268.465	-7.4	96	0.00
24 P	1,1-Dichloroethane	50.000	49.377	1.2	98	0.00
25 T	2-Butanone	250.000	255.015	-2.0	103	0.00
26 T	2,2-Dichloropropane	50.000	46.872	6.3	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.161	1.7	97	0.00
28 T	Bromochloromethane	50.000	46.752	6.5	99	0.00
29	Tetrahydrofuran	250.000	237.630	4.9	91	-0.02
30 C	Chloroform	50.000	48.506	3.0#	94	0.00
31 T	Cyclohexane	50.000	42.409	15.2	87	0.00
32 T	1,1,1-Trichloroethane	50.000	49.244	1.5	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.112	-4.2	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.01
35 S	Dibromofluoromethane	50.000	52.362	-4.7	99	0.00
36 T	1,1-Dichloropropene	50.000	50.269	-0.5	95	-0.02
37 T	Ethyl Acetate	50.000	48.895	2.2	94	0.00
38 T	Carbon Tetrachloride	50.000	53.766	-7.5	110	0.00
39 T	Methylcyclohexane	50.000	42.413	15.2	89	-0.02
40 TM	Benzene	50.000	47.734	4.5	96	-0.02
41 T	Methacrylonitrile	50.000	47.419	5.2	95	0.00
42 TM	1,2-Dichloroethane	50.000	51.390	-2.8	94	0.00
43 T	Isopropyl Acetate	50.000	49.580	0.8	93	-0.02
44 TM	Trichloroethene	50.000	48.539	2.9	93	-0.02
45 C	1,2-Dichloropropane	50.000	48.609	2.8#	89	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.203	3.6	87	-0.02
47 T	Bromodichloromethane	50.000	53.572	-7.1	100	0.00
48 T	Methyl methacrylate	50.000	48.771	2.5	91	-0.02
49 T	1,4-Dioxane	1000.000	986.600	1.3	79	0.00
50 S	Toluene-d8	50.000	54.189	-8.4	105	-0.02
51 T	4-Methyl-2-Pentanone	250.000	235.982	5.6	91	0.00
52 CM	Toluene	50.000	45.691	8.6#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	50.942	-1.9	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.636	-1.3	87	0.00
55 T	1,1,2-Trichloroethane	50.000	46.867	6.3	86	-0.02
56 T	Ethyl methacrylate	50.000	47.934	4.1	90	-0.02
57 T	1,3-Dichloropropane	50.000	48.772	2.5	88	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	354.786	-41.9#	136	-0.01
59 T	2-Hexanone	250.000	271.283	-8.5	103	0.00
60 T	Dibromochloromethane	50.000	51.153	-2.3	92	-0.02
61 T	1,2-Dibromoethane	50.000	47.284	5.4	86	0.00
62 S	4-Bromofluorobenzene	50.000	51.704	-3.4	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	46.644	6.7	86	-0.02
65 PM	Chlorobenzene	50.000	48.139	3.7	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.629	-3.3	99	-0.02
67 C	Ethyl Benzene	50.000	48.657	2.7#	97	-0.02
68 T	m/p-Xylenes	100.000	91.119	8.9	89	0.00
69 T	o-Xylene	50.000	46.570	6.9	91	0.00
70 T	Styrene	50.000	48.619	2.8	100	0.00
71 P	Bromoform	50.000	54.549	-9.1	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	53.211	-6.4	95	0.00
74 T	N-amyl acetate	50.000	58.011	-16.0	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.418	-0.8	93	0.00
76 T	1,2,3-Trichloropropane	50.000	50.425	-0.8	91	0.00
77 T	Bromobenzene	50.000	51.300	-2.6	90	-0.02
78 T	n-propylbenzene	50.000	48.804	2.4	92	0.00
79 T	2-Chlorotoluene	50.000	50.328	-0.7	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.920	-3.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.779	4.4	79	-0.02
82 T	4-Chlorotoluene	50.000	49.925	0.2	92	-0.02
83 T	tert-Butylbenzene	50.000	52.220	-4.4	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.382	-0.8	94	-0.02
85 T	sec-Butylbenzene	50.000	50.816	-1.6	91	0.00
86 T	p-Isopropyltoluene	50.000	51.394	-2.8	95	-0.02
87 T	1,3-Dichlorobenzene	50.000	48.728	2.5	95	0.00
88 T	1,4-Dichlorobenzene	50.000	51.963	-3.9	93	0.00
89 T	n-Butylbenzene	50.000	51.822	-3.6	96	-0.02

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90 T	Hexachloroethane	50.000	52.630	-5.3	94	0.00
91 T	1,2-Dichlorobenzene	50.000	48.394	3.2	88	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.456	-10.9	96	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	52.161	-4.3	94	0.00
94 T	Hexachlorobutadiene	50.000	54.708	-9.4	98	0.00
95 T	Naphthalene	50.000	53.062	-6.1	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.516	-5.0	93	0.00

(#) = Out of Range

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