

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011619\
 Data File : VF061413.D
 Acq On : 16 Jan 2019 15:35
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 17 03:04:39 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	121	0.00
2 T	Dichlorodifluoromethane	50.000	47.459	5.1	113	0.00
3 P	Chloromethane	50.000	49.726	0.5	130	0.00
4 C	Vinyl Chloride	50.000	50.295	-0.6#	129	0.00
5 T	Bromomethane	50.000	51.599	-3.2	122	-0.02
6 T	Chloroethane	50.000	49.954	0.1	113	0.00
7 T	Trichlorofluoromethane	50.000	42.558	14.9	107	-0.02
8 T	Diethyl Ether	50.000	49.212	1.6	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.378	3.2	123	0.00
10 T	Methyl Iodide	50.000	51.898	-3.8	125	-0.02
11 T	Tert butyl alcohol	250.000	246.630	1.3	122	0.00
12 CM	1,1-Dichloroethene	50.000	52.290	-4.6#	132	0.00
13 T	Acrolein	250.000	272.307	-8.9	132	0.00
14 T	Allyl chloride	50.000	73.360	-46.7#	164	0.00
15 T	Acrylonitrile	250.000	248.693	0.5	133	0.01
16 T	Acetone	250.000	270.424	-8.2	135	0.00
17 T	Carbon Disulfide	50.000	52.793	-5.6	130	-0.02
18 T	Methyl Acetate	50.000	49.414	1.2	128	0.00
19 T	Methyl tert-butyl Ether	50.000	44.922	10.2	108	0.00
20 T	Methylene Chloride	50.000	52.359	-4.7	130	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.818	6.4	123	0.00
22 T	Diisopropyl ether	50.000	49.718	0.6	120	0.00
23 T	Vinyl Acetate	250.000	282.058	-12.8	124	0.00
24 P	1,1-Dichloroethane	50.000	48.098	3.8	117	0.00
25 T	2-Butanone	250.000	262.565	-5.0	130	0.00
26 T	2,2-Dichloropropane	50.000	43.215	13.6	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.123	1.8	119	0.00
28 T	Bromochloromethane	50.000	46.379	7.2	120	0.00
29	Tetrahydrofuran	250.000	254.922	-2.0	120	0.00
30 C	Chloroform	50.000	47.217	5.6#	113	0.00
31 T	Cyclohexane	50.000	49.419	1.2	125	0.01
32 T	1,1,1-Trichloroethane	50.000	47.159	5.7	135	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.247	7.5	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	119	0.00
35 S	Dibromofluoromethane	50.000	50.091	-0.2	117	0.00
36 T	1,1-Dichloropropene	50.000	50.561	-1.1	119	0.00
37 T	Ethyl Acetate	50.000	51.028	-2.1	122	0.00
38 T	Carbon Tetrachloride	50.000	45.542	8.9	116	0.00
39 T	Methylcyclohexane	50.000	50.119	-0.2	131	0.00
40 TM	Benzene	50.000	51.114	-2.2	127	0.00
41 T	Methacrylonitrile	50.000	53.542	-7.1	133	0.00
42 TM	1,2-Dichloroethane	50.000	47.792	4.4	108	0.00
43 T	Isopropyl Acetate	50.000	53.498	-7.0	124	0.00
44 TM	Trichloroethene	50.000	48.328	3.3	115	0.00
45 C	1,2-Dichloropropane	50.000	50.973	-1.9#	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.802	0.4	112	0.00
47 T	Bromodichloromethane	50.000	50.290	-0.6	117	0.00
48 T	Methyl methacrylate	50.000	55.929	-11.9	129	0.00
49 T	1,4-Dioxane	1000.000	1128.605	-12.9	111	0.00
50 S	Toluene-d8	50.000	54.543	-9.1	131	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.208	-0.9	120	0.00
52 CM	Toluene	50.000	50.702	-1.4#	123	0.00
53 T	t-1,3-Dichloropropene	50.000	51.417	-2.8	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.199	-2.4	110	0.00
55 T	1,1,2-Trichloroethane	50.000	53.777	-7.6	123	0.00
56 T	Ethyl methacrylate	50.000	51.572	-3.1	120	0.00
57 T	1,3-Dichloropropane	50.000	49.605	0.8	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.016	-9.2	127	0.00
59 T	2-Hexanone	250.000	271.740	-8.7	128	0.00
60 T	Dibromochloromethane	50.000	50.011	-0.0	112	0.00
61 T	1,2-Dibromoethane	50.000	49.606	0.8	113	0.00
62 S	4-Bromofluorobenzene	50.000	48.381	3.2	116	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64 T	Tetrachloroethene	50.000	49.632	0.7	112	0.00
65 PM	Chlorobenzene	50.000	50.383	-0.8	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.059	3.9	113	0.00
67 C	Ethyl Benzene	50.000	48.893	2.2#	119	0.00
68 T	m/p-Xylenes	100.000	97.077	2.9	117	0.00
69 T	o-Xylene	50.000	51.642	-3.3	124	0.00
70 T	Styrene	50.000	48.218	3.6	121	0.00
71 P	Bromoform	50.000	52.779	-5.6	118	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73 T	Isopropylbenzene	50.000	51.760	-3.5	111	0.00
74 T	N-amyl acetate	50.000	57.076	-14.2	120	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.908	-1.8	113	0.00
76 T	1,2,3-Trichloropropane	50.000	50.055	-0.1	109	0.00
77 T	Bromobenzene	50.000	53.861	-7.7	114	0.00
78 T	n-propylbenzene	50.000	48.001	4.0	109	0.00
79 T	2-Chlorotoluene	50.000	49.061	1.9	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.946	-3.9	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.854	-15.7	115	0.00
82 T	4-Chlorotoluene	50.000	50.452	-0.9	112	0.00
83 T	tert-Butylbenzene	50.000	51.921	-3.8	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.925	0.2	113	0.00
85 T	sec-Butylbenzene	50.000	52.302	-4.6	112	0.00
86 T	p-Isopropyltoluene	50.000	50.542	-1.1	113	0.00
87 T	1,3-Dichlorobenzene	50.000	48.243	3.5	113	0.00
88 T	1,4-Dichlorobenzene	50.000	51.185	-2.4	111	0.00
89 T	n-Butylbenzene	50.000	50.905	-1.8	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.257	-6.5	115	0.00
91 T	1,2-Dichlorobenzene	50.000	49.181	1.6	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.864	-7.7	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.309	-2.6	112	0.00
94 T	Hexachlorobutadiene	50.000	53.337	-6.7	115	0.00
95 T	Naphthalene	50.000	53.231	-6.5	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.003	-4.0	111	0.00

(#) = Out of Range

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