

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF021519\
 Data File : VF061649.D
 Acq On : 15 Feb 2019 11:05
 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 16 05:24:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 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	131	-0.01
2 T	Dichlorodifluoromethane	50.000	44.457	11.1	129	0.00
3 P	Chloromethane	50.000	45.950	8.1	124	-0.01
4 C	Vinyl Chloride	50.000	46.690	6.6#	127	0.00
5 T	Bromomethane	50.000	47.531	4.9	121	0.00
6 T	Chloroethane	50.000	47.635	4.7	127	0.00
7 T	Trichlorofluoromethane	50.000	39.263	21.5	107	0.00
8 T	Diethyl Ether	50.000	44.168	11.7	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.565	10.9	123	0.00
10 T	Methyl Iodide	50.000	34.945	30.1#	92	0.00
11 T	Tert butyl alcohol	250.000	200.508	19.8	107	0.00
12 CM	1,1-Dichloroethene	50.000	46.310	7.4#	125	0.00
13 T	Acrolein	250.000	267.155	-6.9	135	0.00
14 T	Allyl chloride	50.000	42.352	15.3	110	0.00
15 T	Acrylonitrile	250.000	202.504	19.0	110	-0.01
16 T	Acetone	250.000	245.025	2.0	126	0.00
17 T	Carbon Disulfide	50.000	40.620	18.8	108	0.00
18 T	Methyl Acetate	50.000	42.762	14.5	126	0.00
19 T	Methyl tert-butyl Ether	50.000	45.148	9.7	120	0.00
20 T	Methylene Chloride	50.000	45.574	8.9	123	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.774	8.5	123	0.00
22 T	Diisopropyl ether	50.000	44.129	11.7	119	0.00
23 T	Vinyl Acetate	250.000	217.702	12.9	117	0.00
24 P	1,1-Dichloroethane	50.000	43.051	13.9	118	0.00
25 T	2-Butanone	250.000	228.177	8.7	124	0.00
26 T	2,2-Dichloropropane	50.000	47.456	5.1	128	-0.01
27 T	cis-1,2-Dichloroethene	50.000	44.584	10.8	120	0.00
28 T	Bromochloromethane	50.000	42.221	15.6	104	0.00
29	Tetrahydrofuran	250.000	196.477	21.4	108	0.00
30 C	Chloroform	50.000	46.088	7.8#	121	0.00
31 T	Cyclohexane	50.000	45.686	8.6	123	-0.01
32 T	1,1,1-Trichloroethane	50.000	40.066	19.9	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.348	5.3	122	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	127	0.00
35 S	Dibromofluoromethane	50.000	47.156	5.7	124	0.00
36 T	1,1-Dichloropropene	50.000	47.003	6.0	126	0.00
37 T	Ethyl Acetate	50.000	39.143	21.7	111	0.00
38 T	Carbon Tetrachloride	50.000	47.619	4.8	129	0.00
39 T	Methylcyclohexane	50.000	49.900	0.2	131	0.00
40 TM	Benzene	50.000	48.583	2.8	128	0.00
41 T	Methacrylonitrile	50.000	40.100	19.8	106	0.00
42 TM	1,2-Dichloroethane	50.000	44.553	10.9	115	0.00
43 T	Isopropyl Acetate	50.000	47.829	4.3	134	0.00
44 TM	Trichloroethene	50.000	48.305	3.4	130	0.00
45 C	1,2-Dichloropropane	50.000	46.966	6.1#	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.200	3.6	121	0.00
47 T	Bromodichloromethane	50.000	47.818	4.4	121	0.00
48 T	Methyl methacrylate	50.000	40.708	18.6	107	0.00
49 T	1,4-Dioxane	1000.000	863.375	13.7	108	0.00
50 S	Toluene-d8	50.000	51.086	-2.2	127	0.00
51 T	4-Methyl-2-Pentanone	250.000	213.442	14.6	113	0.00
52 CM	Toluene	50.000	46.532	6.9#	129	0.00
53 T	t-1,3-Dichloropropene	50.000	47.175	5.7	125	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.970	2.1	129	0.00
55 T	1,1,2-Trichloroethane	50.000	46.128	7.7	118	0.00
56 T	Ethyl methacrylate	50.000	43.710	12.6	117	0.00
57 T	1,3-Dichloropropane	50.000	46.306	7.4	122	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	188.853	24.5	102	0.00
59 T	2-Hexanone	250.000	214.583	14.2	115	0.00
60 T	Dibromochloromethane	50.000	45.825	8.3	117	0.00
61 T	1,2-Dibromoethane	50.000	45.265	9.5	118	0.00
62 S	4-Bromofluorobenzene	50.000	46.240	7.5	123	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	122	0.00
64 T	Tetrachloroethene	50.000	48.859	2.3	124	0.00
65 PM	Chlorobenzene	50.000	48.804	2.4	126	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.774	2.5	125	0.00
67 C	Ethyl Benzene	50.000	47.907	4.2#	126	0.00
68 T	m/p-Xylenes	100.000	91.793	8.2	120	0.00
69 T	o-Xylene	50.000	49.101	1.8	123	0.00
70 T	Styrene	50.000	45.653	8.7	119	0.00
71 P	Bromoform	50.000	44.523	11.0	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	122	0.00
73 T	Isopropylbenzene	50.000	50.370	-0.7	127	0.00
74 T	N-amyl acetate	50.000	46.319	7.4	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.550	12.9	109	0.00
76 T	1,2,3-Trichloropropane	50.000	42.052	15.9	105	0.00
77 T	Bromobenzene	50.000	48.994	2.0	127	0.00
78 T	n-propylbenzene	50.000	47.227	5.5	121	0.00
79 T	2-Chlorotoluene	50.000	48.458	3.1	120	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.754	0.5	124	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.678	8.6	111	0.00
82 T	4-Chlorotoluene	50.000	45.497	9.0	116	0.00
83 T	tert-Butylbenzene	50.000	48.868	2.3	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.883	0.2	128	0.00
85 T	sec-Butylbenzene	50.000	49.851	0.3	124	0.00
86 T	p-Isopropyltoluene	50.000	49.534	0.9	125	0.00
87 T	1,3-Dichlorobenzene	50.000	47.058	5.9	123	0.00
88 T	1,4-Dichlorobenzene	50.000	47.845	4.3	124	0.00
89 T	n-Butylbenzene	50.000	49.659	0.7	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.916	-3.8	125	0.00
91 T	1,2-Dichlorobenzene	50.000	45.626	8.7	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.918	10.2	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.882	4.2	123	0.00
94 T	Hexachlorobutadiene	50.000	49.703	0.6	125	0.00
95 T	Naphthalene	50.000	48.298	3.4	118	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.529	0.9	121	0.00

(#) = Out of Range

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