

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022519\
 Data File : VF061739.D
 Acq On : 25 Feb 2019 19:58
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 26 04:54:38 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	115	-0.03
2 T	Dichlorodifluoromethane	50.000	46.703	6.6	120	0.00
3 P	Chloromethane	50.000	46.671	6.7	111	0.00
4 C	Vinyl Chloride	50.000	47.417	5.2#	114	0.00
5 T	Bromomethane	50.000	51.590	-3.2	116	0.00
6 T	Chloroethane	50.000	48.483	3.0	115	0.00
7 T	Trichlorofluoromethane	50.000	51.515	-3.0	124	0.00
8 T	Diethyl Ether	50.000	46.333	7.3	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.930	0.1	122	0.00
10 T	Methyl Iodide	50.000	50.834	-1.7	118	0.00
11 T	Tert butyl alcohol	250.000	219.909	12.0	104	-0.02
12 CM	1,1-Dichloroethene	50.000	52.181	-4.4#	125	0.00
13 T	Acrolein	250.000	256.538	-2.6	115	0.00
14 T	Allyl chloride	50.000	50.852	-1.7	116	0.00
15 T	Acrylonitrile	250.000	205.297	17.9	98	-0.03
16 T	Acetone	250.000	230.042	8.0	105	-0.02
17 T	Carbon Disulfide	50.000	48.919	2.2	115	-0.02
18 T	Methyl Acetate	50.000	51.938	-3.9	136	0.00
19 T	Methyl tert-butyl Ether	50.000	51.517	-3.0	121	0.00
20 T	Methylene Chloride	50.000	50.379	-0.8	120	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.337	-0.7	120	0.00
22 T	Diisopropyl ether	50.000	51.935	-3.9	123	-0.02
23 T	Vinyl Acetate	250.000	235.093	6.0	112	-0.02
24 P	1,1-Dichloroethane	50.000	51.228	-2.5	125	0.00
25 T	2-Butanone	250.000	231.912	7.2	111	-0.02
26 T	2,2-Dichloropropane	50.000	54.200	-8.4	129	-0.02
27 T	cis-1,2-Dichloroethene	50.000	48.048	3.9	115	-0.02
28 T	Bromochloromethane	50.000	49.231	1.5	107	-0.02
29	Tetrahydrofuran	250.000	218.149	12.7	106	-0.03
30 C	Chloroform	50.000	52.401	-4.8#	121	-0.02
31 T	Cyclohexane	50.000	48.801	2.4	116	-0.03
32 T	1,1,1-Trichloroethane	50.000	49.527	0.9	108	-0.02
33 S	1,2-Dichloroethane-d4	50.000	50.820	-1.6	115	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	-0.02
35 S	Dibromofluoromethane	50.000	49.246	1.5	121	-0.02
36 T	1,1-Dichloropropene	50.000	49.436	1.1	124	-0.03
37 T	Ethyl Acetate	50.000	42.023	16.0	111	-0.03
38 T	Carbon Tetrachloride	50.000	52.177	-4.4	132	-0.02
39 T	Methylcyclohexane	50.000	51.045	-2.1	124	-0.02
40 TM	Benzene	50.000	48.212	3.6	118	-0.02
41 T	Methacrylonitrile	50.000	44.049	11.9	109	-0.02
42 TM	1,2-Dichloroethane	50.000	50.711	-1.4	122	-0.03
43 T	Isopropyl Acetate	50.000	41.431	17.1	108	-0.02
44 TM	Trichloroethene	50.000	48.685	2.6	122	-0.02
45 C	1,2-Dichloropropane	50.000	50.630	-1.3#	122	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.454	-0.9	118	-0.03
47 T	Bromodichloromethane	50.000	50.316	-0.6	119	-0.02
48 T	Methyl methacrylate	50.000	46.716	6.6	114	-0.02
49 T	1,4-Dioxane	1000.000	861.833	13.8	101	-0.02
50 S	Toluene-d8	50.000	50.203	-0.4	117	-0.02
51 T	4-Methyl-2-Pentanone	250.000	216.799	13.3	107	-0.03
52 CM	Toluene	50.000	48.273	3.5#	125	-0.02
53 T	t-1,3-Dichloropropene	50.000	49.322	1.4	122	-0.02
54 T	cis-1,3-Dichloropropene	50.000	53.024	-6.0	130	-0.02
55 T	1,1,2-Trichloroethane	50.000	48.741	2.5	116	-0.02
56 T	Ethyl methacrylate	50.000	45.610	8.8	114	-0.02
57 T	1,3-Dichloropropane	50.000	47.497	5.0	117	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	187.808	24.9	94	-0.02
59 T	2-Hexanone	250.000	212.930	14.8	107	-0.02
60 T	Dibromochloromethane	50.000	50.881	-1.8	121	-0.02
61 T	1,2-Dibromoethane	50.000	48.006	4.0	117	-0.03
62 S	4-Bromofluorobenzene	50.000	46.711	6.6	116	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	-0.03
64 T	Tetrachloroethene	50.000	52.688	-5.4	126	-0.02
65 PM	Chlorobenzene	50.000	50.670	-1.3	123	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	51.284	-2.6	123	-0.02
67 C	Ethyl Benzene	50.000	49.626	0.7#	123	-0.02
68 T	m/p-Xylenes	100.000	101.790	-1.8	126	-0.02
69 T	o-Xylene	50.000	53.553	-7.1	126	-0.02
70 T	Styrene	50.000	49.479	1.0	122	-0.02
71 P	Bromoform	50.000	48.738	2.5	114	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	-0.02
73 T	Isopropylbenzene	50.000	50.843	-1.7	123	-0.02
74 T	N-amyl acetate	50.000	47.953	4.1	113	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	44.899	10.2	108	-0.02
76 T	1,2,3-Trichloropropane	50.000	46.966	6.1	113	-0.02
77 T	Bromobenzene	50.000	50.969	-1.9	127	-0.02
78 T	n-propylbenzene	50.000	50.665	-1.3	124	-0.02
79 T	2-Chlorotoluene	50.000	49.644	0.7	117	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	53.441	-6.9	128	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	48.969	2.1	114	-0.02
82 T	4-Chlorotoluene	50.000	51.774	-3.5	127	-0.02
83 T	tert-Butylbenzene	50.000	51.399	-2.8	119	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	52.959	-5.9	131	-0.02
85 T	sec-Butylbenzene	50.000	50.552	-1.1	120	-0.02
86 T	p-Isopropyltoluene	50.000	49.480	1.0	120	0.00
87 T	1,3-Dichlorobenzene	50.000	48.187	3.6	120	-0.02
88 T	1,4-Dichlorobenzene	50.000	50.915	-1.8	126	0.00
89 T	n-Butylbenzene	50.000	49.174	1.7	119	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
90 T	Hexachloroethane	50.000	54.342	-8.7	125	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.514	3.0	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.643	-1.3	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.242	1.5	121	-0.02
94 T	Hexachlorobutadiene	50.000	52.483	-5.0	126	-0.02
95 T	Naphthalene	50.000	48.274	3.5	113	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	50.946	-1.9	120	-0.02

(#) = Out of Range

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