

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022719\
 Data File : VF061762.D
 Acq On : 27 Feb 2019 12:53
 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 28 00:41:00 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	122	-0.04
2 T	Dichlorodifluoromethane	50.000	43.895	12.2	119	0.00
3 P	Chloromethane	50.000	43.861	12.3	111	0.00
4 C	Vinyl Chloride	50.000	44.984	10.0#	115	0.00
5 T	Bromomethane	50.000	49.583	0.8	118	0.00
6 T	Chloroethane	50.000	45.859	8.3	115	0.00
7 T	Trichlorofluoromethane	50.000	48.628	2.7	124	-0.01
8 T	Diethyl Ether	50.000	44.193	11.6	109	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.095	5.8	122	0.00
10 T	Methyl Iodide	50.000	48.551	2.9	120	0.00
11 T	Tert butyl alcohol	250.000	235.758	5.7	118	-0.02
12 CM	1,1-Dichloroethene	50.000	48.833	2.3#	123	-0.01
13 T	Acrolein	250.000	242.426	3.0	115	-0.02
14 T	Allyl chloride	50.000	45.760	8.5	111	-0.01
15 T	Acrylonitrile	250.000	204.992	18.0	104	-0.03
16 T	Acetone	250.000	275.630	-10.3	133	-0.02
17 T	Carbon Disulfide	50.000	46.047	7.9	115	-0.01
18 T	Methyl Acetate	50.000	51.687	-3.4	143	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.780	0.4	124	-0.01
20 T	Methylene Chloride	50.000	51.118	-2.2	128	-0.02
21 T	trans-1,2-Dichloroethene	50.000	45.899	8.2	115	-0.02
22 T	Diisopropyl ether	50.000	47.666	4.7	120	-0.02
23 T	Vinyl Acetate	250.000	230.634	7.7	116	-0.03
24 P	1,1-Dichloroethane	50.000	45.933	8.1	118	-0.02
25 T	2-Butanone	250.000	242.578	3.0	123	-0.03
26 T	2,2-Dichloropropane	50.000	52.655	-5.3	133	-0.04
27 T	cis-1,2-Dichloroethene	50.000	48.118	3.8	122	-0.03
28 T	Bromochloromethane	50.000	46.310	7.4	107	-0.02
29	Tetrahydrofuran	250.000	213.531	14.6	110	-0.04
30 C	Chloroform	50.000	47.615	4.8#	117	-0.03
31 T	Cyclohexane	50.000	44.282	11.4	112	-0.03
32 T	1,1,1-Trichloroethane	50.000	55.512	-11.0	129	-0.03
33 S	1,2-Dichloroethane-d4	50.000	51.990	-4.0	125	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	121	-0.03
35 S	Dibromofluoromethane	50.000	47.334	5.3	119	-0.03
36 T	1,1-Dichloropropene	50.000	48.539	2.9	125	-0.04
37 T	Ethyl Acetate	50.000	41.626	16.7	113	-0.04
38 T	Carbon Tetrachloride	50.000	48.394	3.2	125	-0.03
39 T	Methylcyclohexane	50.000	44.338	11.3	111	-0.03
40 TM	Benzene	50.000	49.147	1.7	124	-0.03
41 T	Methacrylonitrile	50.000	45.613	8.8	115	-0.03
42 TM	1,2-Dichloroethane	50.000	49.890	0.2	123	-0.03
43 T	Isopropyl Acetate	50.000	46.347	7.3	124	-0.03
44 TM	Trichloroethene	50.000	47.649	4.7	123	-0.02
45 C	1,2-Dichloropropane	50.000	47.247	5.5#	116	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.326	-0.7	121	-0.04
47 T	Bromodichloromethane	50.000	51.406	-2.8	125	-0.03
48 T	Methyl methacrylate	50.000	48.337	3.3	121	-0.03
49 T	1,4-Dioxane	1000.000	954.478	4.6	115	-0.02
50 S	Toluene-d8	50.000	50.361	-0.7	120	-0.03
51 T	4-Methyl-2-Pentanone	250.000	223.597	10.6	113	-0.03
52 CM	Toluene	50.000	48.381	3.2#	128	-0.02
53 T	t-1,3-Dichloropropene	50.000	47.859	4.3	121	-0.03
54 T	cis-1,3-Dichloropropene	50.000	53.093	-6.2	134	-0.03
55 T	1,1,2-Trichloroethane	50.000	49.178	1.6	120	-0.03
56 T	Ethyl methacrylate	50.000	46.481	7.0	119	-0.02
57 T	1,3-Dichloropropane	50.000	47.218	5.6	119	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	226.631	9.3	117	-0.03
59 T	2-Hexanone	250.000	232.830	6.9	120	-0.03
60 T	Dibromochloromethane	50.000	50.147	-0.3	123	-0.03
61 T	1,2-Dibromoethane	50.000	48.752	2.5	122	-0.03
62 S	4-Bromofluorobenzene	50.000	47.879	4.2	122	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	-0.03
64 T	Tetrachloroethene	50.000	48.026	3.9	117	-0.03
65 PM	Chlorobenzene	50.000	47.755	4.5	118	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	51.348	-2.7	125	-0.02
67 C	Ethyl Benzene	50.000	49.131	1.7#	124	-0.02
68 T	m/p-Xylenes	100.000	99.754	0.2	125	-0.03
69 T	o-Xylene	50.000	50.797	-1.6	122	-0.03
70 T	Styrene	50.000	49.913	0.2	124	-0.02
71 P	Bromoform	50.000	48.583	2.8	116	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	115	-0.02
73 T	Isopropylbenzene	50.000	52.322	-4.6	125	-0.02
74 T	N-amyl acetate	50.000	50.155	-0.3	117	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	49.282	1.4	117	-0.02
76 T	1,2,3-Trichloropropane	50.000	46.837	6.3	111	-0.02
77 T	Bromobenzene	50.000	51.671	-3.3	127	-0.02
78 T	n-propylbenzene	50.000	51.002	-2.0	123	-0.02
79 T	2-Chlorotoluene	50.000	50.949	-1.9	119	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	51.651	-3.3	122	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	53.110	-6.2	122	-0.02
82 T	4-Chlorotoluene	50.000	49.805	0.4	120	-0.02
83 T	tert-Butylbenzene	50.000	52.112	-4.2	119	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	51.530	-3.1	126	-0.02
85 T	sec-Butylbenzene	50.000	50.381	-0.8	118	-0.02
86 T	p-Isopropyltoluene	50.000	51.577	-3.2	124	-0.01
87 T	1,3-Dichlorobenzene	50.000	50.375	-0.8	124	-0.02
88 T	1,4-Dichlorobenzene	50.000	50.104	-0.2	123	-0.02
89 T	n-Butylbenzene	50.000	49.910	0.2	119	-0.01

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
90 T	Hexachloroethane	50.000	55.604	-11.2	126	-0.02
91 T	1,2-Dichlorobenzene	50.000	49.270	1.5	120	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.983	0.0	112	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	48.804	2.4	118	-0.02
94 T	Hexachlorobutadiene	50.000	53.068	-6.1	126	-0.02
95 T	Naphthalene	50.000	51.977	-4.0	120	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	51.732	-3.5	120	-0.02

(#) = Out of Range

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