

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF060719\
 Data File : VF062894.D
 Acq On : 7 Jun 2019 11:43
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 08 00:44:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 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	84	-0.01
2 T	Dichlorodifluoromethane	50.000	48.222	3.6	78	0.00
3 P	Chloromethane	50.000	48.766	2.5	85	0.00
4 C	Vinyl Chloride	50.000	48.168	3.7#	83	0.00
5 T	Bromomethane	50.000	53.155	-6.3	82	0.00
6 T	Chloroethane	50.000	53.666	-7.3	81	-0.01
7 T	Trichlorofluoromethane	50.000	53.025	-6.0	86	-0.01
8 T	Diethyl Ether	50.000	58.792	-17.6	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.531	-5.1	89	-0.02
10 T	Methyl Iodide	50.000	52.458	-4.9	88	-0.02
11 T	Tert butyl alcohol	250.000	300.448	-20.2	106	-0.02
12 CM	1,1-Dichloroethene	50.000	53.308	-6.6#	90	-0.01
13 T	Acrolein	250.000	373.288	-49.3#	132	0.00
14 T	Allyl chloride	50.000	64.154	-28.3#	93	-0.01
15 T	Acrylonitrile	250.000	408.361	-63.3#	132	-0.02
16 T	Acetone	250.000	304.189	-21.7	94	-0.01
17 T	Carbon Disulfide	50.000	51.457	-2.9	86	-0.01
18 T	Methyl Acetate	50.000	54.734	-9.5	93	-0.01
19 T	Methyl tert-butyl Ether	50.000	56.589	-13.2	97	0.00
20 T	Methylene Chloride	50.000	59.257	-18.5	92	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.750	-5.5	82	-0.01
22 T	Diisopropyl ether	50.000	54.645	-9.3	91	-0.01
23 T	Vinyl Acetate	250.000	280.916	-12.4	92	-0.01
24 P	1,1-Dichloroethane	50.000	55.861	-11.7	90	-0.01
25 T	2-Butanone	250.000	278.121	-11.2	95	-0.01
26 T	2,2-Dichloropropane	50.000	61.038	-22.1	101	-0.01
27 T	cis-1,2-Dichloroethene	50.000	53.334	-6.7	85	-0.01
28 T	Bromochloromethane	50.000	49.249	1.5	80	-0.02
29	Tetrahydrofuran	250.000	277.000	-10.8	92	-0.01
30 C	Chloroform	50.000	51.957	-3.9#	84	-0.01
31 T	Cyclohexane	50.000	51.173	-2.3	82	-0.01
32 T	1,1,1-Trichloroethane	50.000	59.026	-18.1	107	-0.01
33 S	1,2-Dichloroethane-d4	50.000	52.036	-4.1	81	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	-0.02
35 S	Dibromofluoromethane	50.000	49.403	1.2	79	-0.02
36 T	1,1-Dichloropropene	50.000	53.126	-6.3	87	-0.01
37 T	Ethyl Acetate	50.000	54.613	-9.2	89	-0.02
38 T	Carbon Tetrachloride	50.000	52.166	-4.3	87	-0.01
39 T	Methylcyclohexane	50.000	50.503	-1.0	81	-0.01
40 TM	Benzene	50.000	49.982	0.0	78	-0.01
41 T	Methacrylonitrile	50.000	57.157	-14.3	97	-0.01
42 TM	1,2-Dichloroethane	50.000	53.730	-7.5	87	-0.01
43 T	Isopropyl Acetate	50.000	52.778	-5.6	90	-0.01
44 TM	Trichloroethene	50.000	50.623	-1.2	84	-0.01
45 C	1,2-Dichloropropane	50.000	52.029	-4.1#	83	-0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.701	-7.4	90	-0.01
47 T	Bromodichloromethane	50.000	53.006	-6.0	87	-0.02
48 T	Methyl methacrylate	50.000	52.620	-5.2	81	-0.01
49 T	1,4-Dioxane	1000.000	1053.631	-5.4	93	-0.01
50 S	Toluene-d8	50.000	50.002	-0.0	80	-0.02
51 T	4-Methyl-2-Pentanone	250.000	303.360	-21.3	104	-0.01
52 CM	Toluene	50.000	54.933	-9.9#	90	-0.01
53 T	t-1,3-Dichloropropene	50.000	55.884	-11.8	89	-0.01
54 T	cis-1,3-Dichloropropene	50.000	51.760	-3.5	83	-0.01
55 T	1,1,2-Trichloroethane	50.000	56.985	-14.0	94	-0.01
56 T	Ethyl methacrylate	50.000	59.855	-19.7	97	-0.02
57 T	1,3-Dichloropropane	50.000	57.543	-15.1	92	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	252.312	-0.9	84	-0.01
59 T	2-Hexanone	250.000	302.403	-21.0	104	-0.01
60 T	Dibromochloromethane	50.000	59.105	-18.2	92	-0.01
61 T	1,2-Dibromoethane	50.000	58.064	-16.1	93	-0.01
62 S	4-Bromofluorobenzene	50.000	52.187	-4.4	83	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	-0.01
64 T	Tetrachloroethene	50.000	45.771	8.5	80	-0.01
65 PM	Chlorobenzene	50.000	50.825	-1.7	92	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.843	0.3	92	-0.01
67 C	Ethyl Benzene	50.000	49.300	1.4#	91	-0.01
68 T	m/p-Xylenes	100.000	96.299	3.7	88	-0.01
69 T	o-Xylene	50.000	49.419	1.2	87	-0.01
70 T	Styrene	50.000	49.003	2.0	87	-0.01
71 P	Bromoform	50.000	53.265	-6.5	93	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	-0.01
73 T	Isopropylbenzene	50.000	50.396	-0.8	89	-0.01
74 T	N-amyl acetate	50.000	54.417	-8.8	104	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	53.094	-6.2	96	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.079	-2.2	95	-0.01
77 T	Bromobenzene	50.000	49.106	1.8	90	-0.01
78 T	n-propylbenzene	50.000	49.455	1.1	88	-0.01
79 T	2-Chlorotoluene	50.000	47.821	4.4	85	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	49.701	0.6	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.821	-9.6	95	-0.01
82 T	4-Chlorotoluene	50.000	49.199	1.6	88	-0.01
83 T	tert-Butylbenzene	50.000	51.999	-4.0	94	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.285	-0.6	90	-0.01
85 T	sec-Butylbenzene	50.000	51.412	-2.8	88	0.00
86 T	p-Isopropyltoluene	50.000	50.583	-1.2	91	-0.01
87 T	1,3-Dichlorobenzene	50.000	50.066	-0.1	94	0.00
88 T	1,4-Dichlorobenzene	50.000	49.081	1.8	90	0.00
89 T	n-Butylbenzene	50.000	49.910	0.2	93	-0.01

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90 T	Hexachloroethane	50.000	53.219	-6.4	91	-0.01
91 T	1,2-Dichlorobenzene	50.000	52.457	-4.9	94	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.301	-20.6	108	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	51.986	-4.0	92	-0.01
94 T	Hexachlorobutadiene	50.000	51.188	-2.4	88	-0.01
95 T	Naphthalene	50.000	57.880	-15.8	102	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	52.752	-5.5	95	-0.01

(#) = Out of Range

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