

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF060719\
 Data File : VF062903.D
 Acq On : 7 Jun 2019 17:39
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 08 01:05:32 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	46.215	7.6	86	0.00
3 P	Chloromethane	50.000	46.488	7.0	93	0.00
4 C	Vinyl Chloride	50.000	47.361	5.3#	93	0.00
5 T	Bromomethane	50.000	50.122	-0.2	88	0.00
6 T	Chloroethane	50.000	51.215	-2.4	89	-0.01
7 T	Trichlorofluoromethane	50.000	49.502	1.0	91	0.00
8 T	Diethyl Ether	50.000	53.460	-6.9	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.173	-4.3	101	-0.02
10 T	Methyl Iodide	50.000	48.716	2.6	94	-0.02
11 T	Tert butyl alcohol	250.000	290.994	-16.4	118	0.00
12 CM	1,1-Dichloroethene	50.000	51.454	-2.9#	99	0.00
13 T	Acrolein	250.000	316.371	-26.5#	128	0.00
14 T	Allyl chloride	50.000	66.910	-33.8#	111	0.00
15 T	Acrylonitrile	250.000	205.296	17.9	76	-0.01
16 T	Acetone	250.000	270.540	-8.2	96	0.00
17 T	Carbon Disulfide	50.000	49.490	1.0	94	0.00
18 T	Methyl Acetate	50.000	54.941	-9.9	107	0.00
19 T	Methyl tert-butyl Ether	50.000	53.275	-6.5	104	0.00
20 T	Methylene Chloride	50.000	55.927	-11.9	100	-0.02
21 T	trans-1,2-Dichloroethene	50.000	53.024	-6.0	94	0.00
22 T	Diisopropyl ether	50.000	55.764	-11.5	106	0.00
23 T	Vinyl Acetate	250.000	276.960	-10.8	103	-0.01
24 P	1,1-Dichloroethane	50.000	55.834	-11.7	103	0.00
25 T	2-Butanone	250.000	263.250	-5.3	103	-0.01
26 T	2,2-Dichloropropane	50.000	55.867	-11.7	105	-0.01
27 T	cis-1,2-Dichloroethene	50.000	50.049	-0.1	91	-0.01
28 T	Bromochloromethane	50.000	50.157	-0.3	93	-0.01
29	Tetrahydrofuran	250.000	288.848	-15.5	110	-0.01
30 C	Chloroform	50.000	49.128	1.7#	91	-0.01
31 T	Cyclohexane	50.000	49.135	1.7	90	0.00
32 T	1,1,1-Trichloroethane	50.000	55.908	-11.8	116	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.807	-1.6	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.01
35 S	Dibromofluoromethane	50.000	50.331	-0.7	87	-0.01
36 T	1,1-Dichloropropene	50.000	53.507	-7.0	94	-0.01
37 T	Ethyl Acetate	50.000	59.587	-19.2	105	-0.01
38 T	Carbon Tetrachloride	50.000	57.228	-14.5	103	0.00
39 T	Methylcyclohexane	50.000	50.893	-1.8	88	0.00
40 TM	Benzene	50.000	52.665	-5.3	89	-0.01
41 T	Methacrylonitrile	50.000	55.898	-11.8	102	0.00
42 TM	1,2-Dichloroethane	50.000	56.192	-12.4	98	-0.01
43 T	Isopropyl Acetate	50.000	56.514	-13.0	103	0.00
44 TM	Trichloroethene	50.000	49.962	0.1	89	0.00
45 C	1,2-Dichloropropane	50.000	55.378	-10.8#	96	-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	53.957	-7.9	97	-0.01
47 T	Bromodichloromethane	50.000	53.207	-6.4	94	-0.01
48 T	Methyl methacrylate	50.000	59.296	-18.6	99	0.00
49 T	1,4-Dioxane	1000.000	1030.492	-3.0	98	0.00
50 S	Toluene-d8	50.000	48.737	2.5	84	-0.01
51 T	4-Methyl-2-Pentanone	250.000	280.357	-12.1	103	-0.01
52 CM	Toluene	50.000	50.492	-1.0#	89	-0.01
53 T	t-1,3-Dichloropropene	50.000	53.627	-7.3	93	-0.01
54 T	cis-1,3-Dichloropropene	50.000	51.627	-3.3	89	0.00
55 T	1,1,2-Trichloroethane	50.000	52.891	-5.8	94	0.00
56 T	Ethyl methacrylate	50.000	53.757	-7.5	94	-0.01
57 T	1,3-Dichloropropane	50.000	56.141	-12.3	97	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	320.219	-28.1#	114	0.00
59 T	2-Hexanone	250.000	274.192	-9.7	101	0.00
60 T	Dibromochloromethane	50.000	56.007	-12.0	94	0.00
61 T	1,2-Dibromoethane	50.000	54.399	-8.8	94	-0.01
62 S	4-Bromofluorobenzene	50.000	46.319	7.4	80	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	-0.01
64 T	Tetrachloroethene	50.000	47.741	4.5	79	-0.01
65 PM	Chlorobenzene	50.000	51.039	-2.1	87	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	50.005	-0.0	87	-0.01
67 C	Ethyl Benzene	50.000	50.377	-0.8#	88	-0.01
68 T	m/p-Xylenes	100.000	98.759	1.2	85	-0.01
69 T	o-Xylene	50.000	50.970	-1.9	85	0.00
70 T	Styrene	50.000	52.286	-4.6	88	-0.01
71 P	Bromoform	50.000	57.302	-14.6	95	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	50.312	-0.6	81	-0.01
74 T	N-amyl acetate	50.000	52.886	-5.8	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.471	-8.9	90	-0.01
76 T	1,2,3-Trichloropropane	50.000	53.237	-6.5	90	-0.01
77 T	Bromobenzene	50.000	50.633	-1.3	85	-0.01
78 T	n-propylbenzene	50.000	49.399	1.2	80	-0.01
79 T	2-Chlorotoluene	50.000	49.054	1.9	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.654	0.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.307	-22.6	97	-0.01
82 T	4-Chlorotoluene	50.000	50.071	-0.1	82	0.00
83 T	tert-Butylbenzene	50.000	52.901	-5.8	87	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	51.992	-4.0	85	0.00
85 T	sec-Butylbenzene	50.000	52.143	-4.3	82	0.00
86 T	p-Isopropyltoluene	50.000	53.122	-6.2	88	-0.01
87 T	1,3-Dichlorobenzene	50.000	50.818	-1.6	87	0.00
88 T	1,4-Dichlorobenzene	50.000	52.085	-4.2	88	0.00
89 T	n-Butylbenzene	50.000	52.134	-4.3	89	-0.01

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90 T	Hexachloroethane	50.000	55.923	-11.8	87	-0.01
91 T	1,2-Dichlorobenzene	50.000	53.000	-6.0	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.790	-15.6	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.406	-4.8	85	0.00
94 T	Hexachlorobutadiene	50.000	52.456	-4.9	83	-0.01
95 T	Naphthalene	50.000	55.080	-10.2	89	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	52.681	-5.4	86	0.00

(#) = Out of Range

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