

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061019\
 Data File : VF062918.D
 Acq On : 10 Jun 2019 20:45
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 11 02:11:21 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	42.534	14.9	76	0.00
3 P	Chloromethane	50.000	47.340	5.3	91	0.00
4 C	Vinyl Chloride	50.000	46.477	7.0#	88	0.00
5 T	Bromomethane	50.000	50.564	-1.1	85	0.00
6 T	Chloroethane	50.000	50.707	-1.4	84	0.00
7 T	Trichlorofluoromethane	50.000	49.048	1.9	86	0.00
8 T	Diethyl Ether	50.000	54.090	-8.2	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.702	2.6	90	-0.02
10 T	Methyl Iodide	50.000	49.089	1.8	90	-0.02
11 T	Tert butyl alcohol	250.000	300.184	-20.1	116	-0.02
12 CM	1,1-Dichloroethene	50.000	48.873	2.3#	90	0.00
13 T	Acrolein	250.000	306.847	-22.7	119	-0.01
14 T	Allyl chloride	50.000	60.581	-21.2	96	0.00
15 T	Acrylonitrile	250.000	327.360	-30.9#	115	-0.02
16 T	Acetone	250.000	268.280	-7.3	91	0.00
17 T	Carbon Disulfide	50.000	46.936	6.1	86	0.00
18 T	Methyl Acetate	50.000	66.916	-33.8#	125	-0.02
19 T	Methyl tert-butyl Ether	50.000	53.240	-6.5	100	0.00
20 T	Methylene Chloride	50.000	54.876	-9.8	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.814	0.4	85	0.00
22 T	Diisopropyl ether	50.000	57.017	-14.0	104	0.00
23 T	Vinyl Acetate	250.000	269.172	-7.7	96	-0.02
24 P	1,1-Dichloroethane	50.000	54.875	-9.8	97	0.00
25 T	2-Butanone	250.000	261.821	-4.7	98	-0.02
26 T	2,2-Dichloropropane	50.000	52.862	-5.7	95	-0.02
27 T	cis-1,2-Dichloroethene	50.000	53.358	-6.7	93	-0.02
28 T	Bromochloromethane	50.000	53.802	-7.6	95	-0.02
29	Tetrahydrofuran	250.000	296.468	-18.6	108	-0.02
30 C	Chloroform	50.000	52.829	-5.7#	94	-0.02
31 T	Cyclohexane	50.000	48.305	3.4	85	-0.02
32 T	1,1,1-Trichloroethane	50.000	58.132	-16.3	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.485	-7.0	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.02
35 S	Dibromofluoromethane	50.000	55.090	-10.2	95	-0.02
36 T	1,1-Dichloropropene	50.000	52.575	-5.2	93	-0.02
37 T	Ethyl Acetate	50.000	57.946	-15.9	102	-0.02
38 T	Carbon Tetrachloride	50.000	51.686	-3.4	93	0.00
39 T	Methylcyclohexane	50.000	51.102	-2.2	89	0.00
40 TM	Benzene	50.000	50.440	-0.9	85	-0.02
41 T	Methacrylonitrile	50.000	56.054	-12.1	103	0.00
42 TM	1,2-Dichloroethane	50.000	55.479	-11.0	97	-0.02
43 T	Isopropyl Acetate	50.000	50.506	-1.0	93	0.00
44 TM	Trichloroethene	50.000	52.792	-5.6	94	0.00
45 C	1,2-Dichloropropane	50.000	54.312	-8.6#	94	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.263	-8.5	98	-0.02
47 T	Bromodichloromethane	50.000	53.685	-7.4	95	-0.02
48 T	Methyl methacrylate	50.000	55.970	-11.9	93	-0.02
49 T	1,4-Dioxane	1000.000	1172.685	-17.3	112	0.00
50 S	Toluene-d8	50.000	52.552	-5.1	90	-0.02
51 T	4-Methyl-2-Pentanone	250.000	260.592	-4.2	96	-0.02
52 CM	Toluene	50.000	52.259	-4.5#	93	-0.02
53 T	t-1,3-Dichloropropene	50.000	52.548	-5.1	91	-0.02
54 T	cis-1,3-Dichloropropene	50.000	50.489	-1.0	87	0.00
55 T	1,1,2-Trichloroethane	50.000	54.321	-8.6	97	0.00
56 T	Ethyl methacrylate	50.000	52.598	-5.2	92	-0.02
57 T	1,3-Dichloropropane	50.000	54.459	-8.9	94	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	308.845	-23.5	111	-0.02
59 T	2-Hexanone	250.000	257.099	-2.8	95	0.00
60 T	Dibromochloromethane	50.000	56.325	-12.7	94	0.00
61 T	1,2-Dibromoethane	50.000	54.923	-9.8	95	-0.02
62 S	4-Bromofluorobenzene	50.000	46.919	6.2	81	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	-0.02
64 T	Tetrachloroethene	50.000	50.491	-1.0	86	-0.02
65 PM	Chlorobenzene	50.000	50.614	-1.2	89	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	51.395	-2.8	92	-0.02
67 C	Ethyl Benzene	50.000	49.404	1.2#	88	-0.02
68 T	m/p-Xylenes	100.000	91.938	8.1	81	-0.02
69 T	o-Xylene	50.000	48.066	3.9	82	0.00
70 T	Styrene	50.000	49.663	0.7	86	-0.02
71 P	Bromoform	50.000	55.186	-10.4	94	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	54.061	-8.1	84	-0.02
74 T	N-amyl acetate	50.000	53.089	-6.2	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.987	-14.0	90	-0.02
76 T	1,2,3-Trichloropropane	50.000	54.022	-8.0	88	-0.02
77 T	Bromobenzene	50.000	52.842	-5.7	85	-0.02
78 T	n-propylbenzene	50.000	51.288	-2.6	80	-0.02
79 T	2-Chlorotoluene	50.000	52.994	-6.0	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.509	-5.0	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.299	-16.6	89	-0.02
82 T	4-Chlorotoluene	50.000	51.529	-3.1	81	0.00
83 T	tert-Butylbenzene	50.000	56.657	-13.3	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.560	-9.1	86	0.00
85 T	sec-Butylbenzene	50.000	54.819	-9.6	83	0.00
86 T	p-Isopropyltoluene	50.000	53.202	-6.4	85	-0.02
87 T	1,3-Dichlorobenzene	50.000	50.803	-1.6	84	0.00
88 T	1,4-Dichlorobenzene	50.000	52.011	-4.0	84	0.00
89 T	n-Butylbenzene	50.000	52.164	-4.3	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	60.201	-20.4	90	-0.02
91 T	1,2-Dichlorobenzene	50.000	53.078	-6.2	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	71.223	-42.4#	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.435	-12.9	88	0.00
94 T	Hexachlorobutadiene	50.000	56.507	-13.0	86	0.00
95 T	Naphthalene	50.000	63.329	-26.7#	98	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	59.327	-18.7	94	0.00

(#) = Out of Range

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