

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052319\
 Data File : VF062719.D
 Acq On : 23 May 2019 10:16
 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: May 24 02:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 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	106	-0.02
2 T	Dichlorodifluoromethane	50.000	42.975	14.0	90	0.00
3 P	Chloromethane	50.000	42.067	15.9	84	0.00
4 C	Vinyl Chloride	50.000	41.729	16.5#	80	0.00
5 T	Bromomethane	50.000	48.028	3.9	95	-0.02
6 T	Chloroethane	50.000	48.555	2.9	87	0.00
7 T	Trichlorofluoromethane	50.000	49.041	1.9	94	0.00
8 T	Diethyl Ether	50.000	43.285	13.4	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.125	3.8	94	0.00
10 T	Methyl Iodide	50.000	48.125	3.8	94	0.00
11 T	Tert butyl alcohol	250.000	229.884	8.0	97	-0.02
12 CM	1,1-Dichloroethene	50.000	44.906	10.2#	88	0.00
13 T	Acrolein	250.000	173.394	30.6#	66	-0.02
14 T	Allyl chloride	50.000	44.897	10.2	85	0.00
15 T	Acrylonitrile	250.000	214.100	14.4	94	-0.02
16 T	Acetone	250.000	273.841	-9.5	104	-0.02
17 T	Carbon Disulfide	50.000	44.365	11.3	84	-0.02
18 T	Methyl Acetate	50.000	40.530	18.9	87	0.00
19 T	Methyl tert-butyl Ether	50.000	47.418	5.2	93	-0.02
20 T	Methylene Chloride	50.000	48.535	2.9	102	-0.02
21 T	trans-1,2-Dichloroethene	50.000	50.655	-1.3	100	0.00
22 T	Diisopropyl ether	50.000	46.106	7.8	95	-0.02
23 T	Vinyl Acetate	250.000	229.554	8.2	92	-0.02
24 P	1,1-Dichloroethane	50.000	49.000	2.0	97	0.00
25 T	2-Butanone	250.000	246.129	1.5	95	-0.02
26 T	2,2-Dichloropropane	50.000	53.727	-7.5	106	-0.02
27 T	cis-1,2-Dichloroethene	50.000	49.842	0.3	100	-0.02
28 T	Bromochloromethane	50.000	42.725	14.5	98	-0.02
29	Tetrahydrofuran	250.000	220.152	11.9	94	-0.02
30 C	Chloroform	50.000	52.212	-4.4#	103	-0.02
31 T	Cyclohexane	50.000	45.619	8.8	90	0.00
32 T	1,1,1-Trichloroethane	50.000	50.377	-0.8	97	-0.02
33 S	1,2-Dichloroethane-d4	50.000	44.840	10.3	98	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	-0.02
35 S	Dibromofluoromethane	50.000	48.423	3.2	105	-0.02
36 T	1,1-Dichloropropene	50.000	51.054	-2.1	99	-0.02
37 T	Ethyl Acetate	50.000	42.157	15.7	91	-0.02
38 T	Carbon Tetrachloride	50.000	50.632	-1.3	89	-0.02
39 T	Methylcyclohexane	50.000	51.120	-2.2	97	-0.02
40 TM	Benzene	50.000	51.470	-2.9	103	-0.02
41 T	Methacrylonitrile	50.000	48.117	3.8	96	-0.02
42 TM	1,2-Dichloroethane	50.000	51.411	-2.8	98	-0.02
43 T	Isopropyl Acetate	50.000	41.881	16.2	90	-0.02
44 TM	Trichloroethene	50.000	52.292	-4.6	103	-0.02
45 C	1,2-Dichloropropane	50.000	49.561	0.9#	96	-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	50.900	-1.8	102	-0.02
47 T	Bromodichloromethane	50.000	52.931	-5.9	103	-0.02
48 T	Methyl methacrylate	50.000	41.155	17.7	82	-0.02
49 T	1,4-Dioxane	1000.000	854.569	14.5	85	-0.02
50 S	Toluene-d8	50.000	46.696	6.6	101	-0.02
51 T	4-Methyl-2-Pentanone	250.000	223.844	10.5	98	-0.02
52 CM	Toluene	50.000	52.984	-6.0#	107	-0.02
53 T	t-1,3-Dichloropropene	50.000	50.729	-1.5	99	-0.02
54 T	cis-1,3-Dichloropropene	50.000	51.706	-3.4	103	-0.02
55 T	1,1,2-Trichloroethane	50.000	51.433	-2.9	107	-0.02
56 T	Ethyl methacrylate	50.000	44.365	11.3	98	-0.02
57 T	1,3-Dichloropropane	50.000	50.825	-1.7	104	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	244.755	2.1	100	-0.02
59 T	2-Hexanone	250.000	259.899	-4.0	101	-0.01
60 T	Dibromochloromethane	50.000	53.396	-6.8	105	-0.02
61 T	1,2-Dibromoethane	50.000	51.862	-3.7	107	-0.02
62 S	4-Bromofluorobenzene	50.000	41.159	17.7	91	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	-0.02
64 T	Tetrachloroethene	50.000	50.920	-1.8	102	-0.02
65 PM	Chlorobenzene	50.000	52.313	-4.6	101	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.453	-6.9	102	-0.02
67 C	Ethyl Benzene	50.000	49.933	0.1#	99	-0.02
68 T	m/p-Xylenes	100.000	103.585	-3.6	99	-0.02
69 T	o-Xylene	50.000	52.415	-4.8	103	-0.02
70 T	Styrene	50.000	49.056	1.9	97	-0.02
71 P	Bromoform	50.000	53.571	-7.1	110	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	-0.02
73 T	Isopropylbenzene	50.000	54.207	-8.4	97	-0.02
74 T	N-amyl acetate	50.000	51.069	-2.1	89	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	53.151	-6.3	95	0.00
76 T	1,2,3-Trichloropropane	50.000	49.463	1.1	87	-0.02
77 T	Bromobenzene	50.000	53.580	-7.2	91	0.00
78 T	n-propylbenzene	50.000	52.277	-4.6	91	-0.02
79 T	2-Chlorotoluene	50.000	54.700	-9.4	97	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	53.427	-6.9	94	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	57.431	-14.9	98	-0.02
82 T	4-Chlorotoluene	50.000	53.924	-7.8	93	-0.02
83 T	tert-Butylbenzene	50.000	55.406	-10.8	95	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	54.402	-8.8	96	-0.02
85 T	sec-Butylbenzene	50.000	53.567	-7.1	94	-0.02
86 T	p-Isopropyltoluene	50.000	53.944	-7.9	95	0.00
87 T	1,3-Dichlorobenzene	50.000	52.402	-4.8	92	0.00
88 T	1,4-Dichlorobenzene	50.000	52.269	-4.5	92	0.00
89 T	n-Butylbenzene	50.000	51.932	-3.9	92	-0.02

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90 T	Hexachloroethane	50.000	57.281	-14.6	95	0.00
91 T	1,2-Dichlorobenzene	50.000	53.720	-7.4	94	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.604	-13.2	101	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	54.745	-9.5	98	-0.02
94 T	Hexachlorobutadiene	50.000	56.148	-12.3	99	-0.02
95 T	Naphthalene	50.000	48.849	2.3	91	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	54.198	-8.4	95	0.00

(#) = Out of Range

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