

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051319\
 Data File : VF062539.D
 Acq On : 13 May 2019 12:51
 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 14 09:08:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	105	0.03
2 T	Dichlorodifluoromethane	50.000	44.677	10.6	107	0.01
3 P	Chloromethane	50.000	43.799	12.4	108	0.00
4 C	Vinyl Chloride	50.000	45.553	8.9#	108	0.01
5 T	Bromomethane	50.000	51.500	-3.0	110	0.00
6 T	Chloroethane	50.000	50.420	-0.8	113	0.00
7 T	Trichlorofluoromethane	50.000	54.570	-9.1	118	0.00
8 T	Diethyl Ether	50.000	49.645	0.7	118	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.721	-7.4	119	0.00
10 T	Methyl Iodide	50.000	53.963	-7.9	120	0.00
11 T	Tert butyl alcohol	250.000	228.621	8.6	101	0.00
12 CM	1,1-Dichloroethene	50.000	47.821	4.4#	111	0.00
13 T	Acrolein	250.000	289.376	-15.8	117	0.01
14 T	Allyl chloride	50.000	80.698	-61.4#	193	0.02
15 T	Acrylonitrile	250.000	274.701	-9.9	114	0.01
16 T	Acetone	250.000	310.271	-24.1#	128	0.01
17 T	Carbon Disulfide	50.000	46.699	6.6	107	0.00
18 T	Methyl Acetate	50.000	52.936	-5.9	110	0.00
19 T	Methyl tert-butyl Ether	50.000	53.642	-7.3	116	0.02
20 T	Methylene Chloride	50.000	51.551	-3.1	120	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.333	-0.7	113	0.02
22 T	Diisopropyl ether	50.000	53.859	-7.7	110	0.01
23 T	Vinyl Acetate	250.000	268.768	-7.5	105	0.02
24 P	1,1-Dichloroethane	50.000	57.387	-14.8	118	0.02
25 T	2-Butanone	250.000	260.995	-4.4	108	0.02
26 T	2,2-Dichloropropane	50.000	73.312	-46.6#	156	0.03
27 T	cis-1,2-Dichloroethene	50.000	54.983	-10.0	117	0.03
28 T	Bromochloromethane	50.000	61.058	-22.1#	117	0.03
29 T	Tetrahydrofuran	250.000	230.848	7.7	101	0.03
30 C	Chloroform	50.000	56.135	-12.3#	114	0.03
31 T	Cyclohexane	50.000	49.112	1.8	106	0.03
32 T	1,1,1-Trichloroethane	50.000	58.168	-16.3	119	0.03
33 S	1,2-Dichloroethane-d4	50.000	54.111	-8.2	103	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.03
35 S	Dibromofluoromethane	50.000	53.944	-7.9	111	0.03
36 T	1,1-Dichloropropene	50.000	48.504	3.0	107	0.03
37 T	Ethyl Acetate	50.000	51.830	-3.7	105	0.02
38 T	Carbon Tetrachloride	50.000	62.338	-24.7#	132	0.03
39 T	Methylcyclohexane	50.000	44.740	10.5	96	0.03
40 TM	Benzene	50.000	47.921	4.2	109	0.03
41 T	Methacrylonitrile	50.000	41.569	16.9	93	0.02
42 TM	1,2-Dichloroethane	50.000	47.520	5.0	101	0.02
43 T	Isopropyl Acetate	50.000	45.487	9.0	101	0.02
44 TM	Trichloroethene	50.000	50.029	-0.1	109	0.03
45 C	1,2-Dichloropropane	50.000	51.592	-3.2#	111	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.583	-1.2	110	0.03
47 T	Bromodichloromethane	50.000	51.703	-3.4	112	0.03
48 T	Methyl methacrylate	50.000	46.889	6.2	99	0.02
49 T	1,4-Dioxane	1000.000	848.740	15.1	88	0.03
50 S	Toluene-d8	50.000	54.026	-8.1	112	0.03
51 T	4-Methyl-2-Pentanone	250.000	245.362	1.9	107	0.02
52 CM	Toluene	50.000	50.585	-1.2#	114	0.03
53 T	t-1,3-Dichloropropene	50.000	51.816	-3.6	111	0.02
54 T	cis-1,3-Dichloropropene	50.000	51.673	-3.3	110	0.02
55 T	1,1,2-Trichloroethane	50.000	52.855	-5.7	113	0.03
56 T	Ethyl methacrylate	50.000	48.740	2.5	109	0.02
57 T	1,3-Dichloropropane	50.000	53.836	-7.7	118	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	190.428	23.8#	87	0.02
59 T	2-Hexanone	250.000	261.257	-4.5	115	0.02
60 T	Dibromochloromethane	50.000	55.968	-11.9	118	0.03
61 T	1,2-Dibromoethane	50.000	49.654	0.7	106	0.03
62 S	4-Bromofluorobenzene	50.000	54.733	-9.5	124	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.03
64 T	Tetrachloroethene	50.000	47.448	5.1	110	0.02
65 PM	Chlorobenzene	50.000	53.389	-6.8	122	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	51.544	-3.1	117	0.02
67 C	Ethyl Benzene	50.000	52.377	-4.8#	120	0.02
68 T	m/p-Xylenes	100.000	104.116	-4.1	124	0.02
69 T	o-Xylene	50.000	53.435	-6.9	122	0.02
70 T	Styrene	50.000	51.549	-3.1	119	0.02
71 P	Bromoform	50.000	50.346	-0.7	111	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.01
73 T	Isopropylbenzene	50.000	50.930	-1.9	123	0.02
74 T	N-amyl acetate	50.000	42.476	15.0	110	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	50.513	-1.0	120	0.02
76 T	1,2,3-Trichloropropane	50.000	48.938	2.1	122	0.02
77 T	Bromobenzene	50.000	49.114	1.8	118	0.02
78 T	n-propylbenzene	50.000	49.775	0.5	124	0.02
79 T	2-Chlorotoluene	50.000	49.958	0.1	122	0.02
80 T	1,3,5-Trimethylbenzene	50.000	49.840	0.3	122	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	50.445	-0.9	130	0.01
82 T	4-Chlorotoluene	50.000	49.285	1.4	121	0.01
83 T	tert-Butylbenzene	50.000	49.253	1.5	119	0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.579	0.8	120	0.01
85 T	sec-Butylbenzene	50.000	51.808	-3.6	127	0.01
86 T	p-Isopropyltoluene	50.000	48.688	2.6	120	0.02
87 T	1,3-Dichlorobenzene	50.000	50.252	-0.5	127	0.02
88 T	1,4-Dichlorobenzene	50.000	51.278	-2.6	123	0.02
89 T	n-Butylbenzene	50.000	50.234	-0.5	126	0.01

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90 T	Hexachloroethane	50.000	49.166	1.7	118	0.02
91 T	1,2-Dichlorobenzene	50.000	48.627	2.7	121	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.055	7.9	114	0.01
93 T	1,2,4-Trichlorobenzene	50.000	47.595	4.8	117	0.01
94 T	Hexachlorobutadiene	50.000	50.925	-1.8	123	0.01
95 T	Naphthalene	50.000	47.519	5.0	113	0.01
96 T	1,2,3-Trichlorobenzene	50.000	50.241	-0.5	120	0.02

(#) = Out of Range

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