

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062561.D
 Acq On : 14 May 2019 1:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 14 09:04:23 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	43.533	12.9	105	0.01
3 P	Chloromethane	50.000	45.622	8.8	113	0.00
4 C	Vinyl Chloride	50.000	47.130	5.7#	112	0.01
5 T	Bromomethane	50.000	52.584	-5.2	113	0.00
6 T	Chloroethane	50.000	50.980	-2.0	115	0.01
7 T	Trichlorofluoromethane	50.000	51.799	-3.6	113	0.00
8 T	Diethyl Ether	50.000	51.328	-2.7	122	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.541	-7.1	119	0.00
10 T	Methyl Iodide	50.000	53.233	-6.5	119	0.01
11 T	Tert butyl alcohol	250.000	213.396	14.6	95	0.00
12 CM	1,1-Dichloroethene	50.000	48.812	2.4#	114	0.01
13 T	Acrolein	250.000	246.608	1.4	102	0.00
14 T	Allyl chloride	50.000	75.080	-50.2#	180	0.02
15 T	Acrylonitrile	250.000	277.718	-11.1	116	0.01
16 T	Acetone	250.000	202.910	18.8	84	0.01
17 T	Carbon Disulfide	50.000	44.099	11.8	102	0.00
18 T	Methyl Acetate	50.000	54.648	-9.3	114	0.01
19 T	Methyl tert-butyl Ether	50.000	51.420	-2.8	111	0.01
20 T	Methylene Chloride	50.000	52.371	-4.7	122	-0.04
21 T	trans-1,2-Dichloroethene	50.000	46.376	7.2	105	0.02
22 T	Diisopropyl ether	50.000	52.902	-5.8	109	0.01
23 T	Vinyl Acetate	250.000	250.589	-0.2	98	0.02
24 P	1,1-Dichloroethane	50.000	54.249	-8.5	112	0.02
25 T	2-Butanone	250.000	241.874	3.3	100	0.01
26 T	2,2-Dichloropropane	50.000	57.111	-14.2	122	0.02
27 T	cis-1,2-Dichloroethene	50.000	52.125	-4.3	112	0.03
28 T	Bromochloromethane	50.000	54.936	-9.9	105	0.03
29 T	Tetrahydrofuran	250.000	228.211	8.7	100	0.03
30 C	Chloroform	50.000	53.188	-6.4#	108	0.03
31 T	Cyclohexane	50.000	45.318	9.4	98	0.02
32 T	1,1,1-Trichloroethane	50.000	54.630	-9.3	113	0.03
33 S	1,2-Dichloroethane-d4	50.000	53.793	-7.6	103	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.03
35 S	Dibromofluoromethane	50.000	53.095	-6.2	106	0.03
36 T	1,1-Dichloropropene	50.000	50.462	-0.9	109	0.03
37 T	Ethyl Acetate	50.000	53.088	-6.2	104	0.02
38 T	Carbon Tetrachloride	50.000	59.763	-19.5	124	0.03
39 T	Methylcyclohexane	50.000	49.239	1.5	103	0.02
40 TM	Benzene	50.000	53.291	-6.6	118	0.03
41 T	Methacrylonitrile	50.000	46.304	7.4	101	0.02
42 TM	1,2-Dichloroethane	50.000	53.885	-7.8	112	0.02
43 T	Isopropyl Acetate	50.000	48.044	3.9	104	0.02
44 TM	Trichloroethene	50.000	52.536	-5.1	112	0.03
45 C	1,2-Dichloropropane	50.000	54.268	-8.5#	114	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.786	-5.6	112	0.03
47 T	Bromodichloromethane	50.000	54.426	-8.9	115	0.02
48 T	Methyl methacrylate	50.000	46.411	7.2	96	0.02
49 T	1,4-Dioxane	1000.000	969.283	3.1	98	0.02
50 S	Toluene-d8	50.000	56.420	-12.8	114	0.03
51 T	4-Methyl-2-Pentanone	250.000	260.939	-4.4	111	0.02
52 CM	Toluene	50.000	52.347	-4.7#	115	0.03
53 T	t-1,3-Dichloropropene	50.000	51.262	-2.5	107	0.02
54 T	cis-1,3-Dichloropropene	50.000	51.912	-3.8	108	0.02
55 T	1,1,2-Trichloroethane	50.000	56.261	-12.5	118	0.02
56 T	Ethyl methacrylate	50.000	50.177	-0.4	109	0.02
57 T	1,3-Dichloropropane	50.000	54.817	-9.6	117	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	237.894	4.8	106	0.02
59 T	2-Hexanone	250.000	249.183	0.3	107	0.02
60 T	Dibromochloromethane	50.000	56.374	-12.7	116	0.02
61 T	1,2-Dibromoethane	50.000	53.317	-6.6	111	0.03
62 S	4-Bromofluorobenzene	50.000	53.516	-7.0	118	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.03
64 T	Tetrachloroethene	50.000	52.361	-4.7	115	0.02
65 PM	Chlorobenzene	50.000	55.492	-11.0	120	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	54.587	-9.2	117	0.02
67 C	Ethyl Benzene	50.000	54.692	-9.4#	118	0.02
68 T	m/p-Xylenes	100.000	109.335	-9.3	123	0.02
69 T	o-Xylene	50.000	57.372	-14.7	124	0.01
70 T	Styrene	50.000	56.661	-13.3	124	0.02
71 P	Bromoform	50.000	53.616	-7.2	112	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.01
73 T	Isopropylbenzene	50.000	54.846	-9.7	123	0.01
74 T	N-amyl acetate	50.000	51.180	-2.4	124	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	55.711	-11.4	124	0.02
76 T	1,2,3-Trichloropropane	50.000	54.804	-9.6	127	0.02
77 T	Bromobenzene	50.000	54.277	-8.6	122	0.01
78 T	n-propylbenzene	50.000	53.989	-8.0	125	0.02
79 T	2-Chlorotoluene	50.000	53.054	-6.1	120	0.01
80 T	1,3,5-Trimethylbenzene	50.000	52.848	-5.7	121	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	52.943	-5.9	127	0.01
82 T	4-Chlorotoluene	50.000	52.364	-4.7	119	0.01
83 T	tert-Butylbenzene	50.000	53.035	-6.1	119	0.01
84 T	1,2,4-Trimethylbenzene	50.000	54.462	-8.9	123	0.01
85 T	sec-Butylbenzene	50.000	54.712	-9.4	125	0.01
86 T	p-Isopropyltoluene	50.000	54.066	-8.1	124	0.01
87 T	1,3-Dichlorobenzene	50.000	51.836	-3.7	122	0.01
88 T	1,4-Dichlorobenzene	50.000	53.302	-6.6	119	0.01
89 T	n-Butylbenzene	50.000	53.556	-7.1	125	0.01

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90 T	Hexachloroethane	50.000	54.700	-9.4	122	0.01
91 T	1,2-Dichlorobenzene	50.000	55.153	-10.3	127	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.250	-0.5	116	0.01
93 T	1,2,4-Trichlorobenzene	50.000	51.527	-3.1	117	0.01
94 T	Hexachlorobutadiene	50.000	53.411	-6.8	120	0.01
95 T	Naphthalene	50.000	54.434	-8.9	120	0.01
96 T	1,2,3-Trichlorobenzene	50.000	52.188	-4.4	116	0.01

(#) = Out of Range

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