

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061219\
 Data File : VF062939.D
 Acq On : 12 Jun 2019 20:36
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 13 09:14:47 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	68	-0.02
2 T	Dichlorodifluoromethane	50.000	45.671	8.7	60	0.00
3 P	Chloromethane	50.000	48.804	2.4	68	0.00
4 C	Vinyl Chloride	50.000	54.269	-8.5#	75	0.00
5 T	Bromomethane	50.000	55.142	-10.3	68	0.00
6 T	Chloroethane	50.000	55.149	-10.3	67	-0.02
7 T	Trichlorofluoromethane	50.000	56.528	-13.1	73	-0.01
8 T	Diethyl Ether	50.000	49.551	0.9	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	59.943	-19.9	81	-0.02
10 T	Methyl Iodide	50.000	56.419	-12.8	76	-0.03
11 T	Tert butyl alcohol	250.000	332.163	-32.9#	94	-0.02
12 CM	1,1-Dichloroethene	50.000	52.497	-5.0#	71	-0.01
13 T	Acrolein	250.000	285.110	-14.0	81	-0.01
14 T	Allyl chloride	50.000	77.078	-54.2#	90	-0.01
15 T	Acrylonitrile	250.000	232.000	7.2	60	-0.02
16 T	Acetone	250.000	287.416	-15.0	71	-0.01
17 T	Carbon Disulfide	50.000	53.054	-6.1	71	-0.01
18 T	Methyl Acetate	50.000	65.186	-30.4#	89	-0.02
19 T	Methyl tert-butyl Ether	50.000	64.088	-28.2#	88	-0.01
20 T	Methylene Chloride	50.000	58.298	-16.6	73	-0.02
21 T	trans-1,2-Dichloroethene	50.000	56.437	-12.9	70	-0.01
22 T	Diisopropyl ether	50.000	54.364	-8.7	73	-0.01
23 T	Vinyl Acetate	250.000	303.645	-21.5	79	-0.03
24 P	1,1-Dichloroethane	50.000	66.865	-33.7#	87	-0.02
25 T	2-Butanone	250.000	304.762	-21.9	83	-0.03
26 T	2,2-Dichloropropane	50.000	67.165	-34.3#	89	-0.02
27 T	cis-1,2-Dichloroethene	50.000	55.813	-11.6	71	-0.02
28 T	Bromochloromethane	50.000	57.198	-14.4	74	-0.03
29	Tetrahydrofuran	250.000	321.038	-28.4#	85	-0.02
30 C	Chloroform	50.000	67.687	-35.4#	88	-0.02
31 T	Cyclohexane	50.000	56.457	-12.9	73	-0.02
32 T	1,1,1-Trichloroethane	50.000	74.259	-48.5#	108	-0.02
33 S	1,2-Dichloroethane-d4	50.000	62.690	-25.4#	78	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	34	-0.01
35 S	Dibromofluoromethane	50.000	126.774	-153.5#	80	-0.02
36 T	1,1-Dichloropropene	50.000	113.431	-126.9#	73	-0.02
37 T	Ethyl Acetate	50.000	137.110	-174.2#	88	-0.03
38 T	Carbon Tetrachloride	50.000	144.770	-189.5#	95	-0.01
39 T	Methylcyclohexane	50.000	91.026	-82.1#	58	-0.02
40 TM	Benzene	50.000	117.587	-135.2#	73	-0.02
41 T	Methacrylonitrile	50.000	130.821	-161.6#	88	-0.01
42 TM	1,2-Dichloroethane	50.000	139.458	-178.9#	89	-0.02
43 T	Isopropyl Acetate	50.000	121.063	-142.1#	81	-0.02
44 TM	Trichloroethene	50.000	69.148	-38.3#	45	-0.01
45 C	1,2-Dichloropropane	50.000	117.174	-134.3#	74	-0.02

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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)
46 T	Dibromomethane	50.000	69.613	-39.2#	46	-0.03
47 T	Bromodichloromethane	50.000	112.021	-124.0#	73	-0.03
48 T	Methyl methacrylate	50.000	123.095	-146.2#	75	-0.01
49 T	1,4-Dioxane	1000.000	755.661	24.4	26	-0.01
50 S	Toluene-d8	50.000	54.569	-9.1	34	-0.01
51 T	4-Methyl-2-Pentanone	250.000	649.103	-159.6#	87	-0.02
52 CM	Toluene	50.000	56.340	-12.7#	36	-0.03
53 T	t-1,3-Dichloropropene	50.000	115.737	-131.5#	73	-0.02
54 T	cis-1,3-Dichloropropene	50.000	118.056	-136.1#	74	-0.02
55 T	1,1,2-Trichloroethane	50.000	87.415	-74.8#	57	0.00
56 T	Ethyl methacrylate	50.000	114.419	-128.8#	73	-0.03
57 T	1,3-Dichloropropane	50.000	117.496	-135.0#	74	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	598.726	-139.5#	78	-0.02
59 T	2-Hexanone	250.000	599.299	-139.7#	81	-0.01
60 T	Dibromochloromethane	50.000	93.731	-87.5#	57	-0.02
61 T	1,2-Dibromoethane	50.000	71.071	-42.1#	45	-0.03
62 S	4-Bromofluorobenzene	50.000	93.903	-87.8#	59	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	63	-0.03
64 T	Tetrachloroethene	50.000	42.595	14.8	50	-0.02
65 PM	Chlorobenzene	50.000	33.282	33.4#	40	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	39.369	21.3	49	-0.02
67 C	Ethyl Benzene	50.000	36.088	27.8#	45	-0.01
68 T	m/p-Xylenes	100.000	98.990	1.0	61	-0.02
69 T	o-Xylene	50.000	40.886	18.2	48	-0.02
70 T	Styrene	50.000	53.052	-6.1	63	-0.02
71 P	Bromoform	50.000	65.622	-31.2#	77	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	50	-0.01
73 T	Isopropylbenzene	50.000	59.979	-20.0	57	-0.03
74 T	N-amyl acetate	50.000	78.955	-57.9#	81	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	79.112	-58.2#	76	-0.02
76 T	1,2,3-Trichloropropane	50.000	82.339	-64.7#	82	-0.02
77 T	Bromobenzene	50.000	67.725	-35.4#	66	-0.02
78 T	n-propylbenzene	50.000	74.316	-48.6#	71	-0.02
79 T	2-Chlorotoluene	50.000	65.192	-30.4#	62	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	57.216	-14.4	54	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	83.411	-66.8#	78	-0.02
82 T	4-Chlorotoluene	50.000	60.267	-20.5	58	-0.02
83 T	tert-Butylbenzene	50.000	57.063	-14.1	55	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	75.104	-50.2#	72	-0.01
85 T	sec-Butylbenzene	50.000	47.425	5.2	44	-0.02
86 T	p-Isopropyltoluene	50.000	77.050	-54.1#	75	-0.02
87 T	1,3-Dichlorobenzene	50.000	55.313	-10.6	56	-0.01
88 T	1,4-Dichlorobenzene	50.000	33.082	33.8#	33	-0.01
89 T	n-Butylbenzene	50.000	51.469	-2.9	51	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	74.505	-49.0#	68	-0.02
91 T	1,2-Dichlorobenzene	50.000	72.225	-44.4#	70	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	86.219	-72.4#	83	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	62.010	-24.0	59	-0.01
94 T	Hexachlorobutadiene	50.000	79.088	-58.2#	73	-0.02
95 T	Naphthalene	50.000	72.546	-45.1#	69	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	76.998	-54.0#	74	-0.01

(#) = Out of Range

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