

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF081018\
 Data File : VF059937.D
 Acq On : 10 Aug 2018 11:24
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 11 01:17:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 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	69	0.01
2 T	Dichlorodifluoromethane	50.000	47.630	4.7	65	0.00
3 P	Chloromethane	50.000	47.120	5.8	70	0.00
4 C	Vinyl Chloride	50.000	51.669	-3.3#	74	0.00
5 T	Bromomethane	50.000	44.880	10.2	67	0.00
6 T	Chloroethane	50.000	49.573	0.9	70	0.00
7 T	Trichlorofluoromethane	50.000	50.859	-1.7	68	0.00
8 T	Diethyl Ether	50.000	46.493	7.0	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.282	11.4	65	0.00
10 T	Methyl Iodide	50.000	47.352	5.3	68	0.00
11 T	Tert butyl alcohol	250.000	241.421	3.4	70	0.00
12 CM	1,1-Dichloroethene	50.000	47.091	5.8#	67	0.00
13 T	Acrolein	250.000	231.187	7.5	67	0.00
14 T	Allyl chloride	50.000	46.342	7.3	66	0.01
15 T	Acrylonitrile	250.000	214.998	14.0	58	0.00
16 T	Acetone	250.000	339.786	-35.9#	97	0.00
17 T	Carbon Disulfide	50.000	46.752	6.5	67	0.00
18 T	Methyl Acetate	50.000	47.017	6.0	72	0.00
19 T	Methyl tert-butyl Ether	50.000	49.113	1.8	71	0.00
20 T	Methylene Chloride	50.000	47.006	6.0	61	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.671	12.7	63	0.00
22 T	Diisopropyl ether	50.000	46.985	6.0	66	0.00
23 T	Vinyl Acetate	250.000	264.399	-5.8	71	0.00
24 P	1,1-Dichloroethane	50.000	45.170	9.7	64	0.00
25 T	2-Butanone	250.000	273.975	-9.6	77	0.00
26 T	2,2-Dichloropropane	50.000	51.828	-3.7	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.566	8.9	61	0.00
28 T	Bromochloromethane	50.000	45.209	9.6	65	0.00
29	Tetrahydrofuran	250.000	241.684	3.3	70	0.00
30 C	Chloroform	50.000	43.708	12.6#	61	0.01
31 T	Cyclohexane	50.000	48.497	3.0	65	0.02
32 T	1,1,1-Trichloroethane	50.000	46.379	7.2	65	0.01
33 S	1,2-Dichloroethane-d4	50.000	44.936	10.1	60	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	49.569	0.9	65	0.01
36 T	1,1-Dichloropropene	50.000	51.082	-2.2	65	0.00
37 T	Ethyl Acetate	50.000	53.312	-6.6	68	0.01
38 T	Carbon Tetrachloride	50.000	52.499	-5.0	71	0.00
39 T	Methylcyclohexane	50.000	52.776	-5.6	66	0.00
40 TM	Benzene	50.000	49.449	1.1	66	0.00
41 T	Methacrylonitrile	50.000	47.850	4.3	62	0.00
42 TM	1,2-Dichloroethane	50.000	48.021	4.0	62	0.00
43 T	Isopropyl Acetate	50.000	58.756	-17.5	81	0.00
44 TM	Trichloroethene	50.000	48.702	2.6	62	0.01
45 C	1,2-Dichloropropane	50.000	51.289	-2.6#	66	0.00

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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	47.982	4.0	65	0.00
47 T	Bromodichloromethane	50.000	50.350	-0.7	66	0.00
48 T	Methyl methacrylate	50.000	59.191	-18.4	76	0.00
49 T	1,4-Dioxane	1000.000	1280.784	-28.1#	96	0.01
50 S	Toluene-d8	50.000	53.917	-7.8	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.663	-11.1	73	0.00
52 CM	Toluene	50.000	51.298	-2.6#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	56.033	-12.1	75	0.01
54 T	cis-1,3-Dichloropropene	50.000	54.826	-9.7	69	0.01
55 T	1,1,2-Trichloroethane	50.000	51.545	-3.1	70	0.00
56 T	Ethyl methacrylate	50.000	52.321	-4.6	73	0.01
57 T	1,3-Dichloropropane	50.000	53.152	-6.3	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.833	-4.7	64	0.00
59 T	2-Hexanone	250.000	311.226	-24.5	80	0.00
60 T	Dibromochloromethane	50.000	50.166	-0.3	64	0.00
61 T	1,2-Dibromoethane	50.000	53.417	-6.8	69	0.00
62 S	4-Bromofluorobenzene	50.000	54.213	-8.4	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64 T	Tetrachloroethene	50.000	45.999	8.0	60	0.01
65 PM	Chlorobenzene	50.000	50.445	-0.9	67	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	50.317	-0.6	67	0.01
67 C	Ethyl Benzene	50.000	53.794	-7.6#	68	0.00
68 T	m/p-Xylenes	100.000	105.734	-5.7	70	0.01
69 T	o-Xylene	50.000	53.938	-7.9	65	0.00
70 T	Styrene	50.000	54.834	-9.7	70	0.00
71 P	Bromoform	50.000	53.034	-6.1	70	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.00
73 T	Isopropylbenzene	50.000	56.362	-12.7	67	0.00
74 T	N-amyl acetate	50.000	53.267	-6.5	74	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.414	1.2	65	0.00
76 T	1,2,3-Trichloropropane	50.000	50.700	-1.4	67	0.00
77 T	Bromobenzene	50.000	52.469	-4.9	69	0.00
78 T	n-propylbenzene	50.000	55.060	-10.1	68	0.00
79 T	2-Chlorotoluene	50.000	52.527	-5.1	66	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.469	-6.9	66	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	65.943	-31.9#	89	0.00
82 T	4-Chlorotoluene	50.000	52.801	-5.6	70	0.00
83 T	tert-Butylbenzene	50.000	55.282	-10.6	68	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.514	-9.0	69	0.00
85 T	sec-Butylbenzene	50.000	52.832	-5.7	66	0.01
86 T	p-Isopropyltoluene	50.000	57.360	-14.7	67	0.00
87 T	1,3-Dichlorobenzene	50.000	51.252	-2.5	68	0.01
88 T	1,4-Dichlorobenzene	50.000	49.991	0.0	64	0.01
89 T	n-Butylbenzene	50.000	57.532	-15.1	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.595	2.8	61	0.00
91 T	1,2-Dichlorobenzene	50.000	52.727	-5.5	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.722	-17.4	70	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.371	-14.7	71	0.00
94 T	Hexachlorobutadiene	50.000	55.427	-10.9	70	0.00
95 T	Naphthalene	50.000	58.309	-16.6	70	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.885	-9.8	66	0.01

(#) = Out of Range

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