

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF080718\
 Data File : VF059906.D
 Acq On : 7 Aug 2018 6:41
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 07 09:04:02 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	87	0.01
2 T	Dichlorodifluoromethane	50.000	50.529	-1.1	87	0.00
3 P	Chloromethane	50.000	45.275	9.5	86	0.00
4 C	Vinyl Chloride	50.000	52.666	-5.3#	95	0.00
5 T	Bromomethane	50.000	49.115	1.8	93	0.00
6 T	Chloroethane	50.000	50.034	-0.1	89	0.01
7 T	Trichlorofluoromethane	50.000	57.681	-15.4	98	0.00
8 T	Diethyl Ether	50.000	56.962	-13.9	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.926	6.1	87	0.00
10 T	Methyl Iodide	50.000	52.433	-4.9	95	0.01
11 T	Tert butyl alcohol	250.000	360.584	-44.2#	133	0.00
12 CM	1,1-Dichloroethene	50.000	51.967	-3.9#	94	0.00
13 T	Acrolein	250.000	218.257	12.7	80	0.01
14 T	Allyl chloride	50.000	41.355	17.3	75	0.01
15 T	Acrylonitrile	250.000	264.511	-5.8	90	0.00
16 T	Acetone	250.000	298.035	-19.2	108	0.00
17 T	Carbon Disulfide	50.000	51.647	-3.3	94	0.00
18 T	Methyl Acetate	50.000	55.259	-10.5	108	0.00
19 T	Methyl tert-butyl Ether	50.000	57.101	-14.2	104	0.00
20 T	Methylene Chloride	50.000	61.559	-23.1	98	0.05
21 T	trans-1,2-Dichloroethene	50.000	52.311	-4.6	96	0.01
22 T	Diisopropyl ether	50.000	53.803	-7.6	95	0.01
23 T	Vinyl Acetate	250.000	295.002	-18.0	100	0.00
24 P	1,1-Dichloroethane	50.000	53.977	-8.0	97	0.00
25 T	2-Butanone	250.000	293.796	-17.5	105	0.01
26 T	2,2-Dichloropropane	50.000	49.279	1.4	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.506	3.0	83	0.00
28 T	Bromochloromethane	50.000	58.189	-16.4	106	0.01
29	Tetrahydrofuran	250.000	296.167	-18.5	109	0.00
30 C	Chloroform	50.000	52.749	-5.5#	94	0.01
31 T	Cyclohexane	50.000	50.122	-0.2	86	0.00
32 T	1,1,1-Trichloroethane	50.000	51.053	-2.1	90	0.01
33 S	1,2-Dichloroethane-d4	50.000	60.130	-20.3	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.01
35 S	Dibromofluoromethane	50.000	56.573	-13.1	97	0.01
36 T	1,1-Dichloropropene	50.000	52.206	-4.4	87	0.00
37 T	Ethyl Acetate	50.000	65.034	-30.1#	108	0.02
38 T	Carbon Tetrachloride	50.000	53.198	-6.4	94	0.00
39 T	Methylcyclohexane	50.000	51.017	-2.0	83	0.00
40 TM	Benzene	50.000	54.013	-8.0	94	0.00
41 T	Methacrylonitrile	50.000	49.878	0.2	84	0.01
42 TM	1,2-Dichloroethane	50.000	59.548	-19.1	101	0.00
43 T	Isopropyl Acetate	50.000	63.620	-27.2#	114	0.01
44 TM	Trichloroethene	50.000	54.147	-8.3	90	0.01
45 C	1,2-Dichloropropane	50.000	54.886	-9.8#	92	0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	57.798	-15.6	102	0.01
47 T	Bromodichloromethane	50.000	58.657	-17.3	100	0.00
48 T	Methyl methacrylate	50.000	75.168	-50.3#	126	0.01
49 T	1,4-Dioxane	1000.000	1203.413	-20.3	118	0.01
50 S	Toluene-d8	50.000	60.140	-20.3	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	315.854	-26.3#	109	0.01
52 CM	Toluene	50.000	53.756	-7.5#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	60.989	-22.0	107	0.01
54 T	cis-1,3-Dichloropropene	50.000	58.440	-16.9	97	0.01
55 T	1,1,2-Trichloroethane	50.000	59.484	-19.0	105	0.01
56 T	Ethyl methacrylate	50.000	57.327	-14.7	105	0.01
57 T	1,3-Dichloropropane	50.000	60.719	-21.4	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.139	-13.7	91	0.00
59 T	2-Hexanone	250.000	330.014	-32.0#	111	0.00
60 T	Dibromochloromethane	50.000	59.886	-19.8	100	0.00
61 T	1,2-Dibromoethane	50.000	59.256	-18.5	101	0.00
62 S	4-Bromofluorobenzene	50.000	62.386	-24.8	104	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	52.375	-4.8	95	0.01
65 PM	Chlorobenzene	50.000	50.068	-0.1	93	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	52.049	-4.1	97	0.01
67 C	Ethyl Benzene	50.000	54.702	-9.4#	98	0.01
68 T	m/p-Xylenes	100.000	104.918	-4.9	97	0.01
69 T	o-Xylene	50.000	54.502	-9.0	92	0.01
70 T	Styrene	50.000	55.681	-11.4	100	0.00
71 P	Bromoform	50.000	59.143	-18.3	109	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.01
73 T	Isopropylbenzene	50.000	53.535	-7.1	93	0.00
74 T	N-amyl acetate	50.000	56.476	-13.0	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.946	-5.9	102	0.01
76 T	1,2,3-Trichloropropane	50.000	54.233	-8.5	104	0.01
77 T	Bromobenzene	50.000	53.521	-7.0	102	0.00
78 T	n-propylbenzene	50.000	51.448	-2.9	92	0.01
79 T	2-Chlorotoluene	50.000	51.775	-3.5	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.148	-8.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.759	-15.5	113	0.00
82 T	4-Chlorotoluene	50.000	53.615	-7.2	103	0.00
83 T	tert-Butylbenzene	50.000	53.825	-7.7	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.892	-3.8	95	0.00
85 T	sec-Butylbenzene	50.000	51.276	-2.6	92	0.01
86 T	p-Isopropyltoluene	50.000	53.399	-6.8	91	0.00
87 T	1,3-Dichlorobenzene	50.000	51.407	-2.8	98	0.01
88 T	1,4-Dichlorobenzene	50.000	51.200	-2.4	95	0.01
89 T	n-Butylbenzene	50.000	54.799	-9.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.988	0.0	91	0.00
91 T	1,2-Dichlorobenzene	50.000	52.867	-5.7	98	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.515	-13.0	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.175	-10.3	99	0.00
94 T	Hexachlorobutadiene	50.000	51.756	-3.5	94	0.00
95 T	Naphthalene	50.000	58.282	-16.6	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.367	-10.7	97	0.01

(#) = Out of Range

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