

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061918\
 Data File : VF059206.D
 Acq On : 20 Jun 2018 00:44
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.40q/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 20 05:37:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 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	80	-0.01
2 T	Dichlorodifluoromethane	50.000	46.567	6.9	76	0.00
3 P	Chloromethane	50.000	42.752	14.5	67	0.00
4 C	Vinyl Chloride	50.000	46.771	6.5#	74	-0.01
5 T	Bromomethane	50.000	50.013	-0.0	82	0.00
6 T	Chloroethane	50.000	53.344	-6.7	81	0.00
7 T	Trichlorofluoromethane	50.000	55.016	-10.0	82	0.00
8 T	Diethyl Ether	50.000	56.000	-12.0	89	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.764	8.5	73	0.00
10 T	Methyl Iodide	50.000	53.113	-6.2	83	0.00
11 T	Tert butyl alcohol	250.000	280.909	-12.4	95	0.00
12 CM	1,1-Dichloroethene	50.000	53.171	-6.3#	82	0.00
13 T	Acrolein	250.000	222.212	11.1	83	0.00
14 T	Allyl chloride	50.000	51.991	-4.0	85	0.00
15 T	Acrylonitrile	250.000	329.634	-31.9#	97	-0.01
16 T	Acetone	250.000	237.897	4.8	77	0.00
17 T	Carbon Disulfide	50.000	47.819	4.4	74	0.00
18 T	Methyl Acetate	50.000	56.205	-12.4	96	0.00
19 T	Methyl tert-butyl Ether	50.000	59.231	-18.5	95	0.00
20 T	Methylene Chloride	50.000	56.063	-12.1	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.474	-0.9	82	-0.01
22 T	Diisopropyl ether	50.000	59.675	-19.3	100	0.00
23 T	Vinyl Acetate	250.000	278.969	-11.6	88	0.00
24 P	1,1-Dichloroethane	50.000	55.357	-10.7	92	0.00
25 T	2-Butanone	250.000	251.543	-0.6	87	0.00
26 T	2,2-Dichloropropane	50.000	45.897	8.2	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.950	-3.9	82	0.00
28 T	Bromochloromethane	50.000	52.001	-4.0	90	-0.01
29	Tetrahydrofuran	250.000	266.832	-6.7	88	0.00
30 C	Chloroform	50.000	54.739	-9.5#	86	0.00
31 T	Cyclohexane	50.000	46.220	7.6	74	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.731	-5.5	84	-0.01
33 S	1,2-Dichloroethane-d4	50.000	56.463	-12.9	90	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	-0.01
35 S	Dibromofluoromethane	50.000	56.733	-13.5	83	-0.01
36 T	1,1-Dichloropropene	50.000	54.729	-9.5	81	0.00
37 T	Ethyl Acetate	50.000	59.260	-18.5	97	-0.01
38 T	Carbon Tetrachloride	50.000	58.080	-16.2	84	-0.01
39 T	Methylcyclohexane	50.000	50.330	-0.7	74	-0.01
40 TM	Benzene	50.000	50.255	-0.5	78	-0.01
41 T	Methacrylonitrile	50.000	58.025	-16.0	91	-0.01
42 TM	1,2-Dichloroethane	50.000	60.658	-21.3	90	-0.01
43 T	Isopropyl Acetate	50.000	57.782	-15.6	95	-0.01
44 TM	Trichloroethene	50.000	53.778	-7.6	84	-0.01
45 C	1,2-Dichloropropane	50.000	51.273	-2.5#	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.637	-11.3	82	0.00
47 T	Bromodichloromethane	50.000	57.298	-14.6	85	0.00
48 T	Methyl methacrylate	50.000	59.917	-19.8	91	0.00
49 T	1,4-Dioxane	1000.000	890.099	11.0	69	0.00
50 S	Toluene-d8	50.000	50.086	-0.2	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.577	-11.0	91	-0.01
52 CM	Toluene	50.000	51.278	-2.6#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	53.471	-6.9	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.457	-2.9	79	0.00
55 T	1,1,2-Trichloroethane	50.000	57.212	-14.4	86	-0.01
56 T	Ethyl methacrylate	50.000	55.997	-12.0	89	-0.01
57 T	1,3-Dichloropropane	50.000	54.166	-8.3	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	270.020	-8.0	87	0.00
59 T	2-Hexanone	250.000	274.181	-9.7	91	0.00
60 T	Dibromochloromethane	50.000	58.278	-16.6	87	0.00
61 T	1,2-Dibromoethane	50.000	58.179	-16.4	89	-0.01
62 S	4-Bromofluorobenzene	50.000	50.945	-1.9	79	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	56.318	-12.6	84	-0.01
65 PM	Chlorobenzene	50.000	52.604	-5.2	80	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	55.063	-10.1	85	-0.01
67 C	Ethyl Benzene	50.000	51.739	-3.5#	77	-0.01
68 T	m/p-Xylenes	100.000	101.953	-2.0	83	-0.01
69 T	o-Xylene	50.000	53.570	-7.1	82	-0.01
70 T	Styrene	50.000	50.784	-1.6	78	0.00
71 P	Bromoform	50.000	59.222	-18.4	90	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	-0.01
73 T	Isopropylbenzene	50.000	51.066	-2.1	80	0.00
74 T	N-amyl acetate	50.000	52.489	-5.0	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.584	-3.2	84	-0.01
76 T	1,2,3-Trichloropropane	50.000	53.097	-6.2	88	0.00
77 T	Bromobenzene	50.000	53.136	-6.3	84	0.00
78 T	n-propylbenzene	50.000	49.504	1.0	78	-0.01
79 T	2-Chlorotoluene	50.000	49.389	1.2	79	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	51.970	-3.9	81	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	48.307	3.4	81	0.00
82 T	4-Chlorotoluene	50.000	51.581	-3.2	83	-0.01
83 T	tert-Butylbenzene	50.000	51.135	-2.3	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.854	-1.7	77	-0.01
85 T	sec-Butylbenzene	50.000	49.818	0.4	78	0.00
86 T	p-Isopropyltoluene	50.000	53.661	-7.3	81	0.00
87 T	1,3-Dichlorobenzene	50.000	51.145	-2.3	82	0.00
88 T	1,4-Dichlorobenzene	50.000	52.449	-4.9	83	0.00
89 T	n-Butylbenzene	50.000	50.854	-1.7	77	0.00

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90 T	Hexachloroethane	50.000	52.265	-4.5	81	0.00
91 T	1,2-Dichlorobenzene	50.000	52.552	-5.1	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.965	-17.9	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.995	-10.0	86	-0.01
94 T	Hexachlorobutadiene	50.000	56.441	-12.9	85	0.00
95 T	Naphthalene	50.000	57.753	-15.5	90	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	58.121	-16.2	87	0.00

(#) = Out of Range

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