

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF073118\
 Data File : VF059700.D
 Acq On : 31 Jul 2018 10:32
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 31 16:43:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 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	101	0.01
2 T	Dichlorodifluoromethane	50.000	46.235	7.5	103	0.00
3 P	Chloromethane	50.000	50.091	-0.2	106	0.00
4 C	Vinyl Chloride	50.000	48.300	3.4#	107	0.01
5 T	Bromomethane	50.000	44.336	11.3	94	0.00
6 T	Chloroethane	50.000	46.609	6.8	104	0.00
7 T	Trichlorofluoromethane	50.000	47.536	4.9	106	0.00
8 T	Diethyl Ether	50.000	41.340	17.3	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.655	4.7	106	0.01
10 T	Methyl Iodide	50.000	52.120	-4.2	110	0.00
11 T	Tert butyl alcohol	250.000	227.503	9.0	103	-0.02
12 CM	1,1-Dichloroethene	50.000	47.524	5.0#	117	0.00
13 T	Acrolein	250.000	271.643	-8.7	105	0.00
14 T	Allyl chloride	50.000	47.090	5.8	113	0.00
15 T	Acrylonitrile	250.000	248.596	0.6	115	0.00
16 T	Acetone	250.000	287.093	-14.8	128	0.00
17 T	Carbon Disulfide	50.000	48.169	3.7	108	-0.04
18 T	Methyl Acetate	50.000	51.168	-2.3	117	0.00
19 T	Methyl tert-butyl Ether	50.000	44.192	11.6	99	0.00
20 T	Methylene Chloride	50.000	49.026	1.9	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.717	0.6	113	0.00
22 T	Diisopropyl ether	50.000	47.306	5.4	108	0.00
23 T	Vinyl Acetate	250.000	244.070	2.4	105	0.00
24 P	1,1-Dichloroethane	50.000	45.760	8.5	107	0.00
25 T	2-Butanone	250.000	235.680	5.7	86	0.00
26 T	2,2-Dichloropropane	50.000	48.463	3.1	108	0.01
27 T	cis-1,2-Dichloroethene	50.000	46.222	7.6	104	0.00
28 T	Bromochloromethane	50.000	51.639	-3.3	107	0.00
29	Tetrahydrofuran	250.000	234.119	6.4	108	0.00
30 C	Chloroform	50.000	43.669	12.7#	98	0.00
31 T	Cyclohexane	50.000	49.734	0.5	111	0.01
32 T	1,1,1-Trichloroethane	50.000	44.550	10.9	102	0.01
33 S	1,2-Dichloroethane-d4	50.000	45.332	9.3	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	47.260	5.5	105	0.00
36 T	1,1-Dichloropropene	50.000	49.155	1.7	107	0.00
37 T	Ethyl Acetate	50.000	46.934	6.1	97	0.00
38 T	Carbon Tetrachloride	50.000	47.071	5.9	111	0.00
39 T	Methylcyclohexane	50.000	49.742	0.5	107	0.01
40 TM	Benzene	50.000	45.221	9.6	110	0.00
41 T	Methacrylonitrile	50.000	47.406	5.2	99	0.00
42 TM	1,2-Dichloroethane	50.000	44.644	10.7	102	0.00
43 T	Isopropyl Acetate	50.000	44.478	11.0	105	0.00
44 TM	Trichloroethene	50.000	49.768	0.5	102	0.00
45 C	1,2-Dichloropropane	50.000	47.296	5.4#	105	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	45.397	9.2	101	0.00
47 T	Bromodichloromethane	50.000	46.553	6.9	103	0.00
48 T	Methyl methacrylate	50.000	46.269	7.5	103	0.00
49 T	1,4-Dioxane	1000.000	1083.455	-8.3	132	0.00
50 S	Toluene-d8	50.000	47.333	5.3	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.260	4.7	104	0.00
52 CM	Toluene	50.000	47.323	5.4#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	43.531	12.9	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.989	6.0	103	0.01
55 T	1,1,2-Trichloroethane	50.000	46.468	7.1	104	0.00
56 T	Ethyl methacrylate	50.000	50.280	-0.6	104	0.00
57 T	1,3-Dichloropropane	50.000	45.478	9.0	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	211.982	15.2	101	0.00
59 T	2-Hexanone	250.000	246.695	1.3	111	0.00
60 T	Dibromochloromethane	50.000	47.732	4.5	105	0.00
61 T	1,2-Dibromoethane	50.000	47.579	4.8	108	0.00
62 S	4-Bromofluorobenzene	50.000	46.689	6.6	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	50.261	-0.5	108	0.00
65 PM	Chlorobenzene	50.000	45.613	8.8	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.981	6.0	104	0.00
67 C	Ethyl Benzene	50.000	48.061	3.9#	107	0.01
68 T	m/p-Xylenes	100.000	105.043	-5.0	107	0.00
69 T	o-Xylene	50.000	49.839	0.3	109	0.00
70 T	Styrene	50.000	46.907	6.2	104	0.00
71 P	Bromoform	50.000	47.155	5.7	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	48.734	2.5	102	0.00
74 T	N-amyl acetate	50.000	47.721	4.6	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.572	-1.1	106	0.00
76 T	1,2,3-Trichloropropane	50.000	45.419	9.2	99	0.00
77 T	Bromobenzene	50.000	45.929	8.1	99	0.00
78 T	n-propylbenzene	50.000	54.066	-8.1	103	0.00
79 T	2-Chlorotoluene	50.000	52.157	-4.3	100	0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.526	-7.1	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.544	2.9	102	0.00
82 T	4-Chlorotoluene	50.000	54.655	-9.3	106	0.00
83 T	tert-Butylbenzene	50.000	51.266	-2.5	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.491	-11.0	104	0.00
85 T	sec-Butylbenzene	50.000	53.431	-6.9	98	0.00
86 T	p-Isopropyltoluene	50.000	56.619	-13.2	104	0.00
87 T	1,3-Dichlorobenzene	50.000	55.475	-11.0	104	0.00
88 T	1,4-Dichlorobenzene	50.000	52.914	-5.8	102	0.00
89 T	n-Butylbenzene	50.000	57.404	-14.8	106	0.00

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90 T	Hexachloroethane	50.000	48.809	2.4	103	0.00
91 T	1,2-Dichlorobenzene	50.000	54.150	-8.3	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.961	0.1	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.950	-7.9	100	0.00
94 T	Hexachlorobutadiene	50.000	48.650	2.7	100	0.00
95 T	Naphthalene	50.000	49.200	1.6	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.062	1.9	99	0.00

(#) = Out of Range

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