

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF080218\
 Data File : VF059796.D
 Acq On : 2 Aug 2018 12:51
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 02 13:09:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	44.358	11.3	98	0.00
3 P	Chloromethane	50.000	50.730	-1.5	106	0.00
4 C	Vinyl Chloride	50.000	47.558	4.9#	104	0.00
5 T	Bromomethane	50.000	49.428	1.1	103	0.00
6 T	Chloroethane	50.000	55.450	-10.9	120	0.00
7 T	Trichlorofluoromethane	50.000	43.034	13.9	94	0.00
8 T	Diethyl Ether	50.000	46.722	6.6	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.845	8.3	100	0.00
10 T	Methyl Iodide	50.000	51.117	-2.2	107	0.00
11 T	Tert butyl alcohol	250.000	238.789	4.5	107	0.01
12 CM	1,1-Dichloroethene	50.000	46.524	7.0#	113	0.00
13 T	Acrolein	250.000	278.725	-11.5	107	0.00
14 T	Allyl chloride	50.000	49.640	0.7	118	0.00
15 T	Acrylonitrile	250.000	281.165	-12.5	128	0.00
16 T	Acetone	250.000	265.337	-6.1	117	0.00
17 T	Carbon Disulfide	50.000	47.568	4.9	106	0.00
18 T	Methyl Acetate	50.000	54.680	-9.4	122	0.00
19 T	Methyl tert-butyl Ether	50.000	47.281	5.4	105	0.00
20 T	Methylene Chloride	50.000	54.543	-9.1	112	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.395	3.2	109	0.00
22 T	Diisopropyl ether	50.000	49.628	0.7	112	0.00
23 T	Vinyl Acetate	250.000	272.296	-8.9	115	0.00
24 P	1,1-Dichloroethane	50.000	47.240	5.5	109	0.00
25 T	2-Butanone	250.000	237.282	5.1	86	0.00
26 T	2,2-Dichloropropane	50.000	46.441	7.1	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.409	3.2	108	0.00
28 T	Bromochloromethane	50.000	55.908	-11.8	113	0.00
29	Tetrahydrofuran	250.000	238.961	4.4	109	0.00
30 C	Chloroform	50.000	45.715	8.6#	101	0.00
31 T	Cyclohexane	50.000	52.168	-4.3	115	0.00
32 T	1,1,1-Trichloroethane	50.000	44.996	10.0	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.081	3.8	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	48.015	4.0	109	0.00
36 T	1,1-Dichloropropene	50.000	47.236	5.5	106	0.00
37 T	Ethyl Acetate	50.000	50.684	-1.4	107	0.00
38 T	Carbon Tetrachloride	50.000	46.006	8.0	110	0.00
39 T	Methylcyclohexane	50.000	48.471	3.1	107	0.00
40 TM	Benzene	50.000	45.322	9.4	112	0.00
41 T	Methacrylonitrile	50.000	46.788	6.4	100	0.00
42 TM	1,2-Dichloroethane	50.000	43.667	12.7	101	0.00
43 T	Isopropyl Acetate	50.000	45.977	8.0	111	0.00
44 TM	Trichloroethene	50.000	51.257	-2.5	107	0.00
45 C	1,2-Dichloropropane	50.000	47.400	5.2#	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.331	7.3	105	0.00
47 T	Bromodichloromethane	50.000	45.921	8.2	104	0.00
48 T	Methyl methacrylate	50.000	47.061	5.9	107	0.00
49 T	1,4-Dioxane	1000.000	1134.071	-13.4	141	0.00
50 S	Toluene-d8	50.000	48.627	2.7	111	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.688	0.1	111	0.00
52 CM	Toluene	50.000	49.593	0.8#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	46.067	7.9	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.118	-0.2	112	0.00
55 T	1,1,2-Trichloroethane	50.000	47.571	4.9	108	0.00
56 T	Ethyl methacrylate	50.000	51.915	-3.8	110	0.00
57 T	1,3-Dichloropropane	50.000	47.629	4.7	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	205.798	17.7	100	0.00
59 T	2-Hexanone	250.000	224.843	10.1	103	0.00
60 T	Dibromochloromethane	50.000	45.556	8.9	102	0.00
61 T	1,2-Dibromoethane	50.000	48.081	3.8	111	0.00
62 S	4-Bromofluorobenzene	50.000	47.748	4.5	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	49.682	0.6	108	0.00
65 PM	Chlorobenzene	50.000	48.545	2.9	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.794	6.4	104	0.00
67 C	Ethyl Benzene	50.000	47.750	4.5#	107	0.00
68 T	m/p-Xylenes	100.000	110.096	-10.1	112	0.00
69 T	o-Xylene	50.000	50.242	-0.5	110	0.00
70 T	Styrene	50.000	50.126	-0.3	112	0.00
71 P	Bromoform	50.000	47.653	4.7	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	49.843	0.3	105	0.00
74 T	N-amyl acetate	50.000	49.037	1.9	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.266	-2.5	108	0.00
76 T	1,2,3-Trichloropropane	50.000	50.440	-0.9	111	0.00
77 T	Bromobenzene	50.000	48.465	3.1	105	0.00
78 T	n-propylbenzene	50.000	55.096	-10.2	105	0.00
79 T	2-Chlorotoluene	50.000	55.195	-10.4	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.666	-7.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	68.776	-37.6#	146	0.00
82 T	4-Chlorotoluene	50.000	54.023	-8.0	106	0.00
83 T	tert-Butylbenzene	50.000	47.912	4.2	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.505	-9.0	103	0.00
85 T	sec-Butylbenzene	50.000	56.638	-13.3	104	0.00
86 T	p-Isopropyltoluene	50.000	55.388	-10.8	103	0.00
87 T	1,3-Dichlorobenzene	50.000	56.956	-13.9	107	0.00
88 T	1,4-Dichlorobenzene	50.000	54.229	-8.5	106	0.00
89 T	n-Butylbenzene	50.000	56.903	-13.8	106	0.00

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90 T	Hexachloroethane	50.000	48.001	4.0	102	0.00
91 T	1,2-Dichlorobenzene	50.000	55.351	-10.7	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.502	1.0	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.795	-11.6	104	0.00
94 T	Hexachlorobutadiene	50.000	47.811	4.4	99	0.00
95 T	Naphthalene	50.000	49.993	0.0	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.517	1.0	101	0.00

(#) = Out of Range

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