

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061118.D
 Acq On : 21 Dec 2018 11:10
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 15:13:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 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	106	0.03
2 T	Dichlorodifluoromethane	50.000	41.349	17.3	87	0.02
3 P	Chloromethane	50.000	45.602	8.8	98	0.02
4 C	Vinyl Chloride	50.000	45.544	8.9#	95	0.02
5 T	Bromomethane	50.000	46.467	7.1	96	0.03
6 T	Chloroethane	50.000	49.853	0.3	106	0.02
7 T	Trichlorofluoromethane	50.000	45.431	9.1	92	0.00
8 T	Diethyl Ether	50.000	51.001	-2.0	107	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.603	8.8	100	0.03
10 T	Methyl Iodide	50.000	45.426	9.1	99	0.02
11 T	Tert butyl alcohol	250.000	266.762	-6.7	110	0.04
12 CM	1,1-Dichloroethene	50.000	47.050	5.9#	98	0.02
13 T	Acrolein	250.000	316.287	-26.5#	156	0.01
14 T	Allyl chloride	50.000	33.150	33.7#	75	0.02
15 T	Acrylonitrile	250.000	261.860	-4.7	105	0.03
16 T	Acetone	250.000	266.767	-6.7	107	0.02
17 T	Carbon Disulfide	50.000	47.701	4.6	102	0.02
18 T	Methyl Acetate	50.000	53.098	-6.2	126	0.02
19 T	Methyl tert-butyl Ether	50.000	45.084	9.8	96	0.02
20 T	Methylene Chloride	50.000	48.968	2.1	101	0.03
21 T	trans-1,2-Dichloroethene	50.000	44.766	10.5	102	0.02
22 T	Diisopropyl ether	50.000	46.588	6.8	100	0.02
23 T	Vinyl Acetate	250.000	261.641	-4.7	110	0.03
24 P	1,1-Dichloroethane	50.000	42.761	14.5	89	0.02
25 T	2-Butanone	250.000	281.082	-12.4	119	0.04
26 T	2,2-Dichloropropane	50.000	45.409	9.2	97	0.04
27 T	cis-1,2-Dichloroethene	50.000	48.794	2.4	108	0.03
28 T	Bromochloromethane	50.000	50.451	-0.9	108	0.03
29	Tetrahydrofuran	250.000	254.973	-2.0	112	0.04
30 C	Chloroform	50.000	45.558	8.9#	96	0.03
31 T	Cyclohexane	50.000	50.653	-1.3	111	0.03
32 T	1,1,1-Trichloroethane	50.000	55.788	-11.6	123	0.04
33 S	1,2-Dichloroethane-d4	50.000	45.323	9.4	102	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.03
35 S	Dibromofluoromethane	50.000	48.167	3.7	110	0.03
36 T	1,1-Dichloropropene	50.000	47.785	4.4	100	0.04
37 T	Ethyl Acetate	50.000	49.099	1.8	104	0.04
38 T	Carbon Tetrachloride	50.000	43.310	13.4	91	0.04
39 T	Methylcyclohexane	50.000	44.494	11.0	89	0.04
40 TM	Benzene	50.000	49.425	1.2	106	0.04
41 T	Methacrylonitrile	50.000	48.023	4.0	102	0.04
42 TM	1,2-Dichloroethane	50.000	45.797	8.4	96	0.03
43 T	Isopropyl Acetate	50.000	56.258	-12.5	123	0.04
44 TM	Trichloroethene	50.000	49.212	1.6	103	0.03
45 C	1,2-Dichloropropane	50.000	47.288	5.4#	101	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.523	5.0	99	0.03
47 T	Bromodichloromethane	50.000	47.418	5.2	96	0.03
48 T	Methyl methacrylate	50.000	52.542	-5.1	109	0.03
49 T	1,4-Dioxane	1000.000	1082.353	-8.2	109	0.04
50 S	Toluene-d8	50.000	51.470	-2.9	112	0.03
51 T	4-Methyl-2-Pentanone	250.000	250.336	-0.1	107	0.03
52 CM	Toluene	50.000	46.171	7.7#	101	0.03
53 T	t-1,3-Dichloropropene	50.000	48.273	3.5	105	0.03
54 T	cis-1,3-Dichloropropene	50.000	48.093	3.8	104	0.03
55 T	1,1,2-Trichloroethane	50.000	49.478	1.0	111	0.03
56 T	Ethyl methacrylate	50.000	51.909	-3.8	109	0.03
57 T	1,3-Dichloropropane	50.000	48.407	3.2	105	0.04
58 T	2-Chloroethyl Vinyl ether	250.000	286.754	-14.7	125	0.04
59 T	2-Hexanone	250.000	294.338	-17.7	123	0.03
60 T	Dibromochloromethane	50.000	48.449	3.1	99	0.03
61 T	1,2-Dibromoethane	50.000	48.655	2.7	102	0.03
62 S	4-Bromofluorobenzene	50.000	47.042	5.9	107	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.03
64 T	Tetrachloroethene	50.000	50.071	-0.1	105	0.04
65 PM	Chlorobenzene	50.000	47.975	4.0	102	0.04
66 T	1,1,1,2-Tetrachloroethane	50.000	47.099	5.8	103	0.03
67 C	Ethyl Benzene	50.000	47.952	4.1#	102	0.04
68 T	m/p-Xylenes	100.000	97.583	2.4	104	0.03
69 T	o-Xylene	50.000	45.173	9.7	96	0.03
70 T	Styrene	50.000	53.872	-7.7	104	0.02
71 P	Bromoform	50.000	48.371	3.3	103	0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.03
73 T	Isopropylbenzene	50.000	48.957	2.1	98	0.02
74 T	N-amyl acetate	50.000	54.543	-9.1	112	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.416	3.2	99	0.02
76 T	1,2,3-Trichloropropane	50.000	47.973	4.1	98	0.02
77 T	Bromobenzene	50.000	47.484	5.0	97	0.03
78 T	n-propylbenzene	50.000	47.686	4.6	95	0.03
79 T	2-Chlorotoluene	50.000	46.821	6.4	96	0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.195	3.6	99	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	47.846	4.3	96	0.02
82 T	4-Chlorotoluene	50.000	45.745	8.5	97	0.03
83 T	tert-Butylbenzene	50.000	45.757	8.5	94	0.02
84 T	1,2,4-Trimethylbenzene	50.000	46.697	6.6	98	0.03
85 T	sec-Butylbenzene	50.000	47.529	4.9	98	0.03
86 T	p-Isopropyltoluene	50.000	49.155	1.7	101	0.02
87 T	1,3-Dichlorobenzene	50.000	55.390	-10.8	102	0.02
88 T	1,4-Dichlorobenzene	50.000	46.967	6.1	100	0.02
89 T	n-Butylbenzene	50.000	47.992	4.0	98	0.02

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90 T	Hexachloroethane	50.000	47.258	5.5	96	0.03
91 T	1,2-Dichlorobenzene	50.000	46.052	7.9	94	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.627	-5.3	102	0.02
93 T	1,2,4-Trichlorobenzene	50.000	47.920	4.2	100	0.03
94 T	Hexachlorobutadiene	50.000	50.001	-0.0	102	0.03
95 T	Naphthalene	50.000	49.980	0.0	98	0.03
96 T	1,2,3-Trichlorobenzene	50.000	46.632	6.7	90	0.03

(#) = Out of Range

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