

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF121918\
 Data File : VF061077.D
 Acq On : 19 Dec 2018 11:05
 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 20 02:32:19 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	122	-0.01
2 T	Dichlorodifluoromethane	50.000	42.922	14.2	104	0.00
3 P	Chloromethane	50.000	49.039	1.9	121	0.00
4 C	Vinyl Chloride	50.000	47.418	5.2#	113	0.00
5 T	Bromomethane	50.000	46.738	6.5	111	0.00
6 T	Chloroethane	50.000	47.980	4.0	117	0.00
7 T	Trichlorofluoromethane	50.000	46.031	7.9	107	-0.01
8 T	Diethyl Ether	50.000	47.982	4.0	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.922	12.2	111	0.00
10 T	Methyl Iodide	50.000	47.474	5.1	119	-0.01
11 T	Tert butyl alcohol	250.000	223.655	10.5	106	0.00
12 CM	1,1-Dichloroethene	50.000	46.949	6.1#	113	-0.01
13 T	Acrolein	250.000	269.398	-7.8	153	0.00
14 T	Allyl chloride	50.000	56.757	-13.5	148	0.00
15 T	Acrylonitrile	250.000	245.945	1.6	113	0.00
16 T	Acetone	250.000	253.052	-1.2	117	0.00
17 T	Carbon Disulfide	50.000	48.257	3.5	119	0.00
18 T	Methyl Acetate	50.000	45.270	9.5	123	0.00
19 T	Methyl tert-butyl Ether	50.000	46.569	6.9	114	0.00
20 T	Methylene Chloride	50.000	50.406	-0.8	119	-0.08
21 T	trans-1,2-Dichloroethene	50.000	44.449	11.1	117	0.00
22 T	Diisopropyl ether	50.000	48.504	3.0	120	0.00
23 T	Vinyl Acetate	250.000	254.514	-1.8	123	0.00
24 P	1,1-Dichloroethane	50.000	46.410	7.2	111	0.00
25 T	2-Butanone	250.000	239.035	4.4	117	0.00
26 T	2,2-Dichloropropane	50.000	47.432	5.1	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.027	5.9	120	0.00
28 T	Bromochloromethane	50.000	50.915	-1.8	125	-0.01
29	Tetrahydrofuran	250.000	231.738	7.3	117	0.00
30 C	Chloroform	50.000	44.829	10.3#	108	0.00
31 T	Cyclohexane	50.000	49.975	0.0	126	0.00
32 T	1,1,1-Trichloroethane	50.000	44.763	10.5	114	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.079	5.8	121	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	48.736	2.5	124	0.00
36 T	1,1-Dichloropropene	50.000	48.510	3.0	114	0.00
37 T	Ethyl Acetate	50.000	46.629	6.7	112	0.00
38 T	Carbon Tetrachloride	50.000	47.222	5.6	112	0.00
39 T	Methylcyclohexane	50.000	54.600	-9.2	123	0.00
40 TM	Benzene	50.000	47.967	4.1	115	0.00
41 T	Methacrylonitrile	50.000	46.679	6.6	111	0.00
42 TM	1,2-Dichloroethane	50.000	44.254	11.5	103	0.00
43 T	Isopropyl Acetate	50.000	47.772	4.5	117	0.00
44 TM	Trichloroethene	50.000	47.866	4.3	112	-0.01
45 C	1,2-Dichloropropane	50.000	46.170	7.7#	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	45.522	9.0	106	-0.01
47 T	Bromodichloromethane	50.000	46.559	6.9	105	0.00
48 T	Methyl methacrylate	50.000	47.375	5.3	110	0.00
49 T	1,4-Dioxane	1000.000	933.109	6.7	105	0.00
50 S	Toluene-d8	50.000	49.880	0.2	122	-0.01
51 T	4-Methyl-2-Pentanone	250.000	236.943	5.2	114	0.00
52 CM	Toluene	50.000	46.476	7.0#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	48.122	3.8	117	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.951	2.1	118	0.00
55 T	1,1,2-Trichloroethane	50.000	47.025	6.0	118	0.00
56 T	Ethyl methacrylate	50.000	49.678	0.6	117	0.00
57 T	1,3-Dichloropropane	50.000	48.518	3.0	118	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.819	0.9	121	0.00
59 T	2-Hexanone	250.000	252.108	-0.8	118	0.00
60 T	Dibromochloromethane	50.000	47.110	5.8	108	-0.01
61 T	1,2-Dibromoethane	50.000	49.347	1.3	116	0.00
62 S	4-Bromofluorobenzene	50.000	49.316	1.4	125	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	0.00
64 T	Tetrachloroethene	50.000	48.044	3.9	116	0.00
65 PM	Chlorobenzene	50.000	46.513	7.0	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.250	11.5	111	0.00
67 C	Ethyl Benzene	50.000	46.151	7.7#	113	0.00
68 T	m/p-Xylenes	100.000	90.779	9.2	111	0.00
69 T	o-Xylene	50.000	47.073	5.9	115	0.00
70 T	Styrene	50.000	51.855	-3.7	116	0.00
71 P	Bromoform	50.000	47.212	5.6	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	49.532	0.9	108	0.00
74 T	N-amyl acetate	50.000	52.935	-5.9	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.885	0.2	110	0.00
76 T	1,2,3-Trichloropropane	50.000	47.642	4.7	105	0.00
77 T	Bromobenzene	50.000	51.095	-2.2	112	0.00
78 T	n-propylbenzene	50.000	50.926	-1.9	108	0.00
79 T	2-Chlorotoluene	50.000	48.559	2.9	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.613	2.8	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.393	-8.8	117	0.00
82 T	4-Chlorotoluene	50.000	48.022	4.0	110	0.00
83 T	tert-Butylbenzene	50.000	46.016	8.0	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.989	4.0	109	0.00
85 T	sec-Butylbenzene	50.000	50.468	-0.9	113	0.00
86 T	p-Isopropyltoluene	50.000	50.105	-0.2	111	0.00
87 T	1,3-Dichlorobenzene	50.000	57.147	-14.3	113	0.00
88 T	1,4-Dichlorobenzene	50.000	48.129	3.7	111	0.00
89 T	n-Butylbenzene	50.000	49.152	1.7	108	0.00

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90 T	Hexachloroethane	50.000	50.072	-0.1	109	0.00
91 T	1,2-Dichlorobenzene	50.000	49.135	1.7	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.523	-1.0	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.566	0.9	112	0.00
94 T	Hexachlorobutadiene	50.000	51.878	-3.8	114	0.00
95 T	Naphthalene	50.000	53.016	-6.0	113	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.789	-1.6	106	0.00

(#) = Out of Range

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