

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF122718\
 Data File : VF061202.D
 Acq On : 27 Dec 2018 12:05
 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 27 23:53:36 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	98	-0.03
2 T	Dichlorodifluoromethane	50.000	46.183	7.6	90	0.00
3 P	Chloromethane	50.000	53.528	-7.1	106	-0.01
4 C	Vinyl Chloride	50.000	48.537	2.9#	93	0.00
5 T	Bromomethane	50.000	46.339	7.3	89	-0.02
6 T	Chloroethane	50.000	45.775	8.5	90	0.00
7 T	Trichlorofluoromethane	50.000	51.775	-3.5	97	-0.03
8 T	Diethyl Ether	50.000	53.094	-6.2	103	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.521	3.0	99	0.00
10 T	Methyl Iodide	50.000	47.313	5.4	96	-0.02
11 T	Tert butyl alcohol	250.000	226.851	9.3	87	0.00
12 CM	1,1-Dichloroethene	50.000	53.390	-6.8#	103	-0.01
13 T	Acrolein	250.000	246.982	1.2	113	-0.01
14 T	Allyl chloride	50.000	63.132	-26.3#	132	-0.01
15 T	Acrylonitrile	250.000	260.009	-4.0	97	-0.01
16 T	Acetone	250.000	263.868	-5.5	98	-0.02
17 T	Carbon Disulfide	50.000	49.627	0.7	98	-0.01
18 T	Methyl Acetate	50.000	48.883	2.2	107	-0.02
19 T	Methyl tert-butyl Ether	50.000	48.048	3.9	95	-0.01
20 T	Methylene Chloride	50.000	54.959	-9.9	104	-0.09
21 T	trans-1,2-Dichloroethene	50.000	49.930	0.1	106	-0.01
22 T	Diisopropyl ether	50.000	51.512	-3.0	102	-0.02
23 T	Vinyl Acetate	250.000	253.432	-1.4	99	-0.02
24 P	1,1-Dichloroethane	50.000	52.907	-5.8	102	-0.02
25 T	2-Butanone	250.000	238.690	4.5	94	-0.02
26 T	2,2-Dichloropropane	50.000	54.113	-8.2	107	-0.02
27 T	cis-1,2-Dichloroethene	50.000	48.354	3.3	99	-0.02
28 T	Bromochloromethane	50.000	48.416	3.2	96	-0.02
29	Tetrahydrofuran	250.000	247.176	1.1	100	-0.03
30 C	Chloroform	50.000	48.771	2.5#	95	-0.02
31 T	Cyclohexane	50.000	49.832	0.3	101	-0.03
32 T	1,1,1-Trichloroethane	50.000	48.681	2.6	100	-0.01
33 S	1,2-Dichloroethane-d4	50.000	47.070	5.9	98	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	-0.02
35 S	Dibromofluoromethane	50.000	48.561	2.9	106	-0.02
36 T	1,1-Dichloropropene	50.000	48.566	2.9	97	-0.02
37 T	Ethyl Acetate	50.000	44.774	10.5	92	-0.03
38 T	Carbon Tetrachloride	50.000	49.921	0.2	101	-0.02
39 T	Methylcyclohexane	50.000	50.249	-0.5	97	-0.02
40 TM	Benzene	50.000	48.326	3.3	99	-0.02
41 T	Methacrylonitrile	50.000	46.497	7.0	95	-0.02
42 TM	1,2-Dichloroethane	50.000	46.571	6.9	93	-0.02
43 T	Isopropyl Acetate	50.000	44.035	11.9	92	-0.02
44 TM	Trichloroethene	50.000	47.020	6.0	94	-0.02
45 C	1,2-Dichloropropane	50.000	47.700	4.6#	97	-0.02

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.525	5.0	95	-0.02
47 T	Bromodichloromethane	50.000	48.684	2.6	94	-0.02
48 T	Methyl methacrylate	50.000	42.994	14.0	86	-0.02
49 T	1,4-Dioxane	1000.000	939.795	6.0	91	-0.02
50 S	Toluene-d8	50.000	48.054	3.9	100	-0.02
51 T	4-Methyl-2-Pentanone	250.000	225.307	9.9	92	-0.02
52 CM	Toluene	50.000	45.061	9.9#	94	-0.02
53 T	t-1,3-Dichloropropene	50.000	45.012	10.0	93	-0.02
54 T	cis-1,3-Dichloropropene	50.000	46.438	7.1	96	-0.02
55 T	1,1,2-Trichloroethane	50.000	46.311	7.4	99	-0.02
56 T	Ethyl methacrylate	50.000	46.854	6.3	94	-0.02
57 T	1,3-Dichloropropane	50.000	47.378	5.2	99	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	140.414	43.8#	59	-0.02
59 T	2-Hexanone	250.000	235.418	5.8	94	-0.02
60 T	Dibromochloromethane	50.000	46.281	7.4	91	-0.03
61 T	1,2-Dibromoethane	50.000	44.890	10.2	90	-0.02
62 S	4-Bromofluorobenzene	50.000	45.460	9.1	99	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	-0.02
64 T	Tetrachloroethene	50.000	46.829	6.3	94	-0.02
65 PM	Chlorobenzene	50.000	48.642	2.7	99	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	48.467	3.1	101	-0.02
67 C	Ethyl Benzene	50.000	46.983	6.0#	95	-0.01
68 T	m/p-Xylenes	100.000	95.260	4.7	97	-0.02
69 T	o-Xylene	50.000	49.441	1.1	101	-0.02
70 T	Styrene	50.000	53.217	-6.4	98	-0.02
71 P	Bromoform	50.000	48.255	3.5	98	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	-0.01
73 T	Isopropylbenzene	50.000	52.086	-4.2	98	-0.02
74 T	N-amyl acetate	50.000	50.750	-1.5	98	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	49.417	1.2	95	-0.02
76 T	1,2,3-Trichloropropane	50.000	47.942	4.1	92	-0.02
77 T	Bromobenzene	50.000	47.634	4.7	91	-0.01
78 T	n-propylbenzene	50.000	49.473	1.1	92	-0.01
79 T	2-Chlorotoluene	50.000	48.740	2.5	93	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	49.640	0.7	96	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	53.901	-7.8	101	-0.01
82 T	4-Chlorotoluene	50.000	48.112	3.8	96	-0.01
83 T	tert-Butylbenzene	50.000	48.907	2.2	94	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	49.059	1.9	97	-0.01
85 T	sec-Butylbenzene	50.000	50.467	-0.9	98	-0.01
86 T	p-Isopropyltoluene	50.000	49.213	1.6	95	-0.01
87 T	1,3-Dichlorobenzene	50.000	54.968	-9.9	95	-0.02
88 T	1,4-Dichlorobenzene	50.000	48.328	3.3	97	-0.02
89 T	n-Butylbenzene	50.000	52.630	-5.3	99	-0.01

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90 T	Hexachloroethane	50.000	51.917	-3.8	98	-0.01
91 T	1,2-Dichlorobenzene	50.000	48.890	2.2	93	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.575	-3.2	94	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	48.594	2.8	95	-0.01
94 T	Hexachlorobutadiene	50.000	52.170	-4.3	99	-0.01
95 T	Naphthalene	50.000	49.718	0.6	92	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	50.780	-1.6	92	-0.01

(#) = Out of Range

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