

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060911.D
 Acq On : 6 Dec 2018 11:56
 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 06 12:29:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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	-0.05
2 T	Dichlorodifluoromethane	50.000	44.527	10.9	90	-0.01
3 P	Chloromethane	50.000	44.011	12.0	98	0.00
4 C	Vinyl Chloride	50.000	47.326	5.3#	98	0.00
5 T	Bromomethane	50.000	48.035	3.9	94	-0.01
6 T	Chloroethane	50.000	50.179	-0.4	96	0.00
7 T	Trichlorofluoromethane	50.000	49.601	0.8	97	-0.02
8 T	Diethyl Ether	50.000	48.090	3.8	97	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.607	0.8	99	0.00
10 T	Methyl Iodide	50.000	44.146	11.7	88	-0.01
11 T	Tert butyl alcohol	250.000	241.914	3.2	92	-0.01
12 CM	1,1-Dichloroethene	50.000	46.508	7.0#	94	-0.01
13 T	Acrolein	250.000	223.568	10.6	82	-0.02
14 T	Allyl chloride	50.000	51.127	-2.3	91	-0.03
15 T	Acrylonitrile	250.000	214.885	14.0	86	-0.03
16 T	Acetone	250.000	295.795	-18.3	116	-0.02
17 T	Carbon Disulfide	50.000	46.883	6.2	97	-0.02
18 T	Methyl Acetate	50.000	56.419	-12.8	115	-0.02
19 T	Methyl tert-butyl Ether	50.000	47.799	4.4	95	-0.03
20 T	Methylene Chloride	50.000	49.578	0.8	105	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.863	0.3	98	-0.03
22 T	Diisopropyl ether	50.000	50.827	-1.7	100	-0.03
23 T	Vinyl Acetate	250.000	270.697	-8.3	106	-0.03
24 P	1,1-Dichloroethane	50.000	50.425	-0.8	96	-0.03
25 T	2-Butanone	250.000	261.068	-4.4	102	-0.04
26 T	2,2-Dichloropropane	50.000	48.543	2.9	93	-0.05
27 T	cis-1,2-Dichloroethene	50.000	48.300	3.4	97	-0.04
28 T	Bromochloromethane	50.000	46.491	7.0	98	-0.05
29	Tetrahydrofuran	250.000	218.179	12.7	90	-0.05
30 C	Chloroform	50.000	48.323	3.4#	98	-0.04
31 T	Cyclohexane	50.000	44.006	12.0	92	-0.04
32 T	1,1,1-Trichloroethane	50.000	44.500	11.0	83	-0.04
33 S	1,2-Dichloroethane-d4	50.000	50.569	-1.1	97	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	-0.05
35 S	Dibromofluoromethane	50.000	48.237	3.5	98	-0.04
36 T	1,1-Dichloropropene	50.000	51.813	-3.6	106	-0.05
37 T	Ethyl Acetate	50.000	43.108	13.8	90	-0.05
38 T	Carbon Tetrachloride	50.000	44.369	11.3	83	-0.04
39 T	Methylcyclohexane	50.000	45.697	8.6	94	-0.05
40 TM	Benzene	50.000	46.303	7.4	97	-0.05
41 T	Methacrylonitrile	50.000	46.946	6.1	96	-0.04
42 TM	1,2-Dichloroethane	50.000	47.066	5.9	92	-0.04
43 T	Isopropyl Acetate	50.000	45.632	8.7	89	-0.04
44 TM	Trichloroethene	50.000	46.594	6.8	98	-0.04
45 C	1,2-Dichloropropane	50.000	47.551	4.9#	93	-0.04

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060911.D
 Acq On : 6 Dec 2018 11:56
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 12:29:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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)
46 T	Dibromomethane	50.000	44.550	10.9	88	-0.05
47 T	Bromodichloromethane	50.000	47.569	4.9	95	-0.04
48 T	Methyl methacrylate	50.000	42.799	14.4	87	-0.05
49 T	1,4-Dioxane	1000.000	933.977	6.6	87	-0.05
50 S	Toluene-d8	50.000	47.723	4.6	98	-0.05
51 T	4-Methyl-2-Pentanone	250.000	208.942	16.4	89	-0.04
52 CM	Toluene	50.000	44.830	10.3#	100	-0.04
53 T	t-1,3-Dichloropropene	50.000	42.657	14.7	88	-0.04
54 T	cis-1,3-Dichloropropene	50.000	47.043	5.9	93	-0.04
55 T	1,1,2-Trichloroethane	50.000	42.681	14.6	88	-0.04
56 T	Ethyl methacrylate	50.000	42.516	15.0	81	-0.04
57 T	1,3-Dichloropropane	50.000	44.316	11.4	88	-0.05
58 T	2-Chloroethyl Vinyl ether	250.000	282.466	-13.0	121	-0.05
59 T	2-Hexanone	250.000	223.352	10.7	95	-0.04
60 T	Dibromochloromethane	50.000	44.793	10.4	89	-0.04
61 T	1,2-Dibromoethane	50.000	42.855	14.3	87	-0.05
62 S	4-Bromofluorobenzene	50.000	45.349	9.3	93	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	-0.04
64 T	Tetrachloroethene	50.000	45.110	9.8	90	-0.04
65 PM	Chlorobenzene	50.000	49.370	1.3	89	-0.04
66 T	1,1,1,2-Tetrachloroethane	50.000	47.325	5.3	90	-0.05
67 C	Ethyl Benzene	50.000	46.251	7.5#	87	-0.04
68 T	m/p-Xylenes	100.000	89.253	10.7	88	-0.04
69 T	o-Xylene	50.000	46.675	6.7	90	-0.04
70 T	Styrene	50.000	44.920	10.2	86	-0.03
71 P	Bromoform	50.000	46.842	6.3	88	-0.04
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	-0.03
73 T	Isopropylbenzene	50.000	50.916	-1.8	95	-0.03
74 T	N-amyl acetate	50.000	44.101	11.8	82	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	47.923	4.2	88	-0.03
76 T	1,2,3-Trichloropropane	50.000	47.844	4.3	89	-0.04
77 T	Bromobenzene	50.000	48.017	4.0	85	-0.04
78 T	n-propylbenzene	50.000	49.276	1.4	92	-0.03
79 T	2-Chlorotoluene	50.000	49.718	0.6	93	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	47.784	4.4	89	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	58.864	-17.7	111	-0.03
82 T	4-Chlorotoluene	50.000	46.212	7.6	89	-0.03
83 T	tert-Butylbenzene	50.000	51.194	-2.4	97	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	49.042	1.9	89	-0.03
85 T	sec-Butylbenzene	50.000	49.303	1.4	93	-0.03
86 T	p-Isopropyltoluene	50.000	50.568	-1.1	98	-0.03
87 T	1,3-Dichlorobenzene	50.000	48.406	3.2	92	-0.03
88 T	1,4-Dichlorobenzene	50.000	47.190	5.6	89	-0.03
89 T	n-Butylbenzene	50.000	49.074	1.9	91	-0.03

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060911.D
Acq On : 6 Dec 2018 11:56
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 06 12:29:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 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)
90 T	Hexachloroethane	50.000	51.467	-2.9	93	-0.03
91 T	1,2-Dichlorobenzene	50.000	46.037	7.9	85	-0.03
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.276	-0.6	93	-0.03
93 T	1,2,4-Trichlorobenzene	50.000	48.624	2.8	91	-0.03
94 T	Hexachlorobutadiene	50.000	49.966	0.1	94	-0.03
95 T	Naphthalene	50.000	45.503	9.0	84	-0.03
96 T	1,2,3-Trichlorobenzene	50.000	48.041	3.9	89	-0.03

(#) = Out of Range

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