

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061014.D
 Acq On : 14 Dec 2018 12:15
 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 15 00:13:48 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	99	-0.05
2 T	Dichlorodifluoromethane	50.000	41.411	17.2	83	-0.02
3 P	Chloromethane	50.000	47.560	4.9	105	-0.01
4 C	Vinyl Chloride	50.000	49.760	0.5#	102	-0.02
5 T	Bromomethane	50.000	51.489	-3.0	99	-0.02
6 T	Chloroethane	50.000	53.022	-6.0	101	-0.01
7 T	Trichlorofluoromethane	50.000	49.754	0.5	96	-0.01
8 T	Diethyl Ether	50.000	52.083	-4.2	104	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.106	-8.2	106	-0.01
10 T	Methyl Iodide	50.000	53.200	-6.4	105	-0.02
11 T	Tert butyl alcohol	250.000	262.931	-5.2	99	-0.02
12 CM	1,1-Dichloroethene	50.000	54.060	-8.1#	108	-0.02
13 T	Acrolein	250.000	198.396	20.6	72	-0.03
14 T	Allyl chloride	50.000	51.996	-4.0	91	-0.03
15 T	Acrylonitrile	250.000	276.862	-10.7	110	-0.04
16 T	Acetone	250.000	318.522	-27.4#	123	-0.03
17 T	Carbon Disulfide	50.000	43.450	13.1	89	-0.01
18 T	Methyl Acetate	50.000	61.893	-23.8	124	-0.03
19 T	Methyl tert-butyl Ether	50.000	51.929	-3.9	102	-0.03
20 T	Methylene Chloride	50.000	49.676	0.6	104	-0.09
21 T	trans-1,2-Dichloroethene	50.000	53.507	-7.0	104	-0.04
22 T	Diisopropyl ether	50.000	56.420	-12.8	110	-0.04
23 T	Vinyl Acetate	250.000	284.609	-13.8	110	-0.04
24 P	1,1-Dichloroethane	50.000	55.871	-11.7	105	-0.04
25 T	2-Butanone	250.000	274.041	-9.6	106	-0.05
26 T	2,2-Dichloropropane	50.000	52.541	-5.1	100	-0.05
27 T	cis-1,2-Dichloroethene	50.000	54.657	-9.3	108	-0.05
28 T	Bromochloromethane	50.000	48.738	2.5	102	-0.06
29	Tetrahydrofuran	250.000	241.253	3.5	98	-0.06
30 C	Chloroform	50.000	52.034	-4.1#	104	-0.05
31 T	Cyclohexane	50.000	48.376	3.2	100	-0.06
32 T	1,1,1-Trichloroethane	50.000	53.393	-6.8	98	-0.06
33 S	1,2-Dichloroethane-d4	50.000	47.110	5.8	89	-0.05
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	-0.06
35 S	Dibromofluoromethane	50.000	46.132	7.7	93	-0.05
36 T	1,1-Dichloropropene	50.000	48.344	3.3	99	-0.06
37 T	Ethyl Acetate	50.000	48.524	3.0	101	-0.06
38 T	Carbon Tetrachloride	50.000	48.288	3.4	90	-0.05
39 T	Methylcyclohexane	50.000	45.338	9.3	92	-0.05
40 TM	Benzene	50.000	46.904	6.2	98	-0.06
41 T	Methacrylonitrile	50.000	51.508	-3.0	104	-0.06
42 TM	1,2-Dichloroethane	50.000	50.304	-0.6	98	-0.05
43 T	Isopropyl Acetate	50.000	50.791	-1.6	99	-0.05
44 TM	Trichloroethene	50.000	47.268	5.5	99	-0.05
45 C	1,2-Dichloropropane	50.000	54.291	-8.6#	105	-0.05

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.664	0.7	98	-0.05
47 T	Bromodichloromethane	50.000	50.639	-1.3	100	-0.05
48 T	Methyl methacrylate	50.000	49.622	0.8	100	-0.05
49 T	1,4-Dioxane	1000.000	943.236	5.7	87	-0.05
50 S	Toluene-d8	50.000	44.938	10.1	92	-0.05
51 T	4-Methyl-2-Pentanone	250.000	243.805	2.5	104	-0.05
52 CM	Toluene	50.000	45.728	8.5#	101	-0.05
53 T	t-1,3-Dichloropropene	50.000	48.477	3.0	100	-0.05
54 T	cis-1,3-Dichloropropene	50.000	51.140	-2.3	101	-0.05
55 T	1,1,2-Trichloroethane	50.000	49.379	1.2	101	-0.05
56 T	Ethyl methacrylate	50.000	49.494	1.0	95	-0.04
57 T	1,3-Dichloropropane	50.000	49.288	1.4	97	-0.06
58 T	2-Chloroethyl Vinyl ether	250.000	436.572	-74.6#	186	-0.06
59 T	2-Hexanone	250.000	265.259	-6.1	113	-0.05
60 T	Dibromochloromethane	50.000	50.568	-1.1	100	-0.05
61 T	1,2-Dibromoethane	50.000	49.699	0.6	101	-0.05
62 S	4-Bromofluorobenzene	50.000	43.142	13.7	88	-0.04
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	-0.05
64 T	Tetrachloroethene	50.000	51.339	-2.7	99	-0.05
65 PM	Chlorobenzene	50.000	53.300	-6.6	93	-0.05
66 T	1,1,1,2-Tetrachloroethane	50.000	51.595	-3.2	94	-0.05
67 C	Ethyl Benzene	50.000	52.506	-5.0#	95	-0.04
68 T	m/p-Xylenes	100.000	103.168	-3.2	97	-0.05
69 T	o-Xylene	50.000	54.258	-8.5	100	-0.05
70 T	Styrene	50.000	53.448	-6.9	98	-0.04
71 P	Bromoform	50.000	53.984	-8.0	98	-0.05
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	-0.03
73 T	Isopropylbenzene	50.000	55.317	-10.6	100	-0.04
74 T	N-amyl acetate	50.000	55.267	-10.5	100	-0.04
75 P	1,1,2,2-Tetrachloroethane	50.000	59.002	-18.0	105	-0.04
76 T	1,2,3-Trichloropropane	50.000	54.410	-8.8	98	-0.04
77 T	Bromobenzene	50.000	53.915	-7.8	93	-0.04
78 T	n-propylbenzene	50.000	54.188	-8.4	98	-0.03
79 T	2-Chlorotoluene	50.000	56.385	-12.8	102	-0.04
80 T	1,3,5-Trimethylbenzene	50.000	53.840	-7.7	97	-0.04
81 T	trans-1,4-Dichloro-2-butene	50.000	50.220	-0.4	92	-0.03
82 T	4-Chlorotoluene	50.000	53.255	-6.5	100	-0.03
83 T	tert-Butylbenzene	50.000	56.118	-12.2	103	-0.04
84 T	1,2,4-Trimethylbenzene	50.000	51.930	-3.9	91	-0.03
85 T	sec-Butylbenzene	50.000	54.360	-8.7	100	-0.03
86 T	p-Isopropyltoluene	50.000	52.656	-5.3	99	-0.03
87 T	1,3-Dichlorobenzene	50.000	52.579	-5.2	97	-0.04
88 T	1,4-Dichlorobenzene	50.000	51.967	-3.9	95	-0.04
89 T	n-Butylbenzene	50.000	55.194	-10.4	100	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.995	-16.0	102	-0.03
91 T	1,2-Dichlorobenzene	50.000	53.856	-7.7	96	-0.04
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.001	-4.0	93	-0.04
93 T	1,2,4-Trichlorobenzene	50.000	54.007	-8.0	98	-0.03
94 T	Hexachlorobutadiene	50.000	57.210	-14.4	105	-0.03
95 T	Naphthalene	50.000	53.373	-6.7	94	-0.03
96 T	1,2,3-Trichlorobenzene	50.000	51.977	-4.0	93	-0.03

(#) = Out of Range

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