

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061760.D
 Acq On : 27 Feb 2019 00:44
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 27 04:57:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 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	101	-0.04
2 T	Dichlorodifluoromethane	50.000	43.679	12.6	98	0.00
3 P	Chloromethane	50.000	43.144	13.7	90	0.00
4 C	Vinyl Chloride	50.000	45.526	8.9#	95	0.00
5 T	Bromomethane	50.000	50.855	-1.7	100	0.00
6 T	Chloroethane	50.000	46.975	6.0	97	-0.02
7 T	Trichlorofluoromethane	50.000	49.580	0.8	104	-0.01
8 T	Diethyl Ether	50.000	46.010	8.0	94	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.548	2.9	103	-0.02
10 T	Methyl Iodide	50.000	48.436	3.1	98	-0.02
11 T	Tert butyl alcohol	250.000	230.386	7.8	95	-0.02
12 CM	1,1-Dichloroethene	50.000	46.511	7.0#	97	-0.02
13 T	Acrolein	250.000	245.660	1.7	96	-0.02
14 T	Allyl chloride	50.000	44.426	11.1	89	-0.01
15 T	Acrylonitrile	250.000	212.328	15.1	89	-0.03
16 T	Acetone	250.000	199.320	20.3	79	-0.02
17 T	Carbon Disulfide	50.000	43.616	12.8	90	0.00
18 T	Methyl Acetate	50.000	53.251	-6.5	121	-0.02
19 T	Methyl tert-butyl Ether	50.000	51.257	-2.5	105	-0.01
20 T	Methylene Chloride	50.000	49.812	0.4	103	-0.02
21 T	trans-1,2-Dichloroethene	50.000	45.057	9.9	93	-0.01
22 T	Diisopropyl ether	50.000	50.162	-0.3	104	-0.02
23 T	Vinyl Acetate	250.000	223.753	10.5	93	-0.03
24 P	1,1-Dichloroethane	50.000	47.928	4.1	102	-0.02
25 T	2-Butanone	250.000	208.187	16.7	87	-0.02
26 T	2,2-Dichloropropane	50.000	48.333	3.3	100	-0.04
27 T	cis-1,2-Dichloroethene	50.000	46.619	6.8	97	-0.03
28 T	Bromochloromethane	50.000	53.921	-7.8	103	-0.03
29	Tetrahydrofuran	250.000	205.473	17.8	87	-0.04
30 C	Chloroform	50.000	48.673	2.7#	98	-0.04
31 T	Cyclohexane	50.000	43.543	12.9	90	-0.04
32 T	1,1,1-Trichloroethane	50.000	50.774	-1.5	97	-0.03
33 S	1,2-Dichloroethane-d4	50.000	52.414	-4.8	104	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	-0.03
35 S	Dibromofluoromethane	50.000	50.653	-1.3	109	-0.03
36 T	1,1-Dichloropropene	50.000	42.187	15.6	92	-0.04
37 T	Ethyl Acetate	50.000	41.791	16.4	96	-0.04
38 T	Carbon Tetrachloride	50.000	44.803	10.4	99	-0.04
39 T	Methylcyclohexane	50.000	43.546	12.9	93	-0.03
40 TM	Benzene	50.000	44.966	10.1	97	-0.03
41 T	Methacrylonitrile	50.000	45.721	8.6	99	-0.03
42 TM	1,2-Dichloroethane	50.000	49.372	1.3	104	-0.04
43 T	Isopropyl Acetate	50.000	44.169	11.7	101	-0.03
44 TM	Trichloroethene	50.000	45.558	8.9	100	-0.03
45 C	1,2-Dichloropropane	50.000	45.658	8.7#	96	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.093	3.8	98	-0.04
47 T	Bromodichloromethane	50.000	48.621	2.8	101	-0.03
48 T	Methyl methacrylate	50.000	46.827	6.3	100	-0.03
49 T	1,4-Dioxane	1000.000	914.446	8.6	94	-0.03
50 S	Toluene-d8	50.000	50.318	-0.6	102	-0.03
51 T	4-Methyl-2-Pentanone	250.000	211.355	15.5	91	-0.03
52 CM	Toluene	50.000	44.458	11.1#	100	-0.03
53 T	t-1,3-Dichloropropene	50.000	44.508	11.0	96	-0.03
54 T	cis-1,3-Dichloropropene	50.000	47.902	4.2	103	-0.03
55 T	1,1,2-Trichloroethane	50.000	47.452	5.1	99	-0.03
56 T	Ethyl methacrylate	50.000	47.596	4.8	104	-0.03
57 T	1,3-Dichloropropane	50.000	48.240	3.5	104	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	257.532	-3.0	113	-0.03
59 T	2-Hexanone	250.000	205.819	17.7	90	-0.03
60 T	Dibromochloromethane	50.000	49.361	1.3	103	-0.03
61 T	1,2-Dibromoethane	50.000	45.366	9.3	97	-0.04
62 S	4-Bromofluorobenzene	50.000	50.760	-1.5	110	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	-0.04
64 T	Tetrachloroethene	50.000	47.192	5.6	104	-0.03
65 PM	Chlorobenzene	50.000	45.999	8.0	103	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	44.721	10.6	99	-0.03
67 C	Ethyl Benzene	50.000	43.834	12.3#	100	-0.03
68 T	m/p-Xylenes	100.000	87.622	12.4	100	-0.03
69 T	o-Xylene	50.000	45.551	8.9	99	-0.03
70 T	Styrene	50.000	45.894	8.2	104	-0.02
71 P	Bromoform	50.000	44.908	10.2	97	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	-0.02
73 T	Isopropylbenzene	50.000	45.524	9.0	99	-0.02
74 T	N-amyl acetate	50.000	43.737	12.5	93	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	44.318	11.4	96	-0.02
76 T	1,2,3-Trichloropropane	50.000	44.501	11.0	97	-0.02
77 T	Bromobenzene	50.000	46.349	7.3	104	-0.02
78 T	n-propylbenzene	50.000	43.772	12.5	97	-0.02
79 T	2-Chlorotoluene	50.000	45.935	8.1	98	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	44.929	10.1	97	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	44.910	10.2	94	-0.02
82 T	4-Chlorotoluene	50.000	44.986	10.0	100	-0.02
83 T	tert-Butylbenzene	50.000	45.570	8.9	96	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	46.479	7.0	104	-0.02
85 T	sec-Butylbenzene	50.000	46.106	7.8	99	-0.02
86 T	p-Isopropyltoluene	50.000	44.571	10.9	98	-0.01
87 T	1,3-Dichlorobenzene	50.000	42.666	14.7	96	-0.02
88 T	1,4-Dichlorobenzene	50.000	45.471	9.1	102	-0.02
89 T	n-Butylbenzene	50.000	44.436	11.1	97	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.495	5.0	99	-0.02
91 T	1,2-Dichlorobenzene	50.000	44.876	10.2	100	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.823	10.4	92	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	44.611	10.8	99	-0.02
94 T	Hexachlorobutadiene	50.000	48.989	2.0	107	-0.02
95 T	Naphthalene	50.000	46.737	6.5	99	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	45.552	8.9	97	-0.02

(#) = Out of Range

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