

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031619\
 Data File : VF061987.D
 Acq On : 16 Mar 2019 21:21
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 03:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 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	91	-0.02
2 T	Dichlorodifluoromethane	50.000	46.492	7.0	86	-0.02
3 P	Chloromethane	50.000	47.453	5.1	92	-0.02
4 C	Vinyl Chloride	50.000	48.791	2.4#	92	-0.02
5 T	Bromomethane	50.000	50.516	-1.0	88	-0.01
6 T	Chloroethane	50.000	48.496	3.0	86	-0.02
7 T	Trichlorofluoromethane	50.000	51.666	-3.3	93	0.00
8 T	Diethyl Ether	50.000	52.555	-5.1	91	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.391	5.2	91	-0.03
10 T	Methyl Iodide	50.000	52.328	-4.7	93	-0.03
11 T	Tert butyl alcohol	250.000	231.761	7.3	76	-0.03
12 CM	1,1-Dichloroethene	50.000	47.162	5.7#	89	-0.02
13 T	Acrolein	250.000	224.559	10.2	91	-0.02
14 T	Allyl chloride	50.000	50.966	-1.9	94	-0.02
15 T	Acrylonitrile	250.000	236.803	5.3	85	-0.01
16 T	Acetone	250.000	213.376	14.6	77	-0.01
17 T	Carbon Disulfide	50.000	48.585	2.8	90	-0.01
18 T	Methyl Acetate	50.000	52.302	-4.6	91	-0.02
19 T	Methyl tert-butyl Ether	50.000	47.945	4.1	85	-0.02
20 T	Methylene Chloride	50.000	49.548	0.9	95	-0.01
21 T	trans-1,2-Dichloroethene	50.000	48.043	3.9	87	-0.01
22 T	Diisopropyl ether	50.000	46.102	7.8	81	-0.02
23 T	Vinyl Acetate	250.000	265.372	-6.1	93	-0.02
24 P	1,1-Dichloroethane	50.000	48.657	2.7	87	-0.01
25 T	2-Butanone	250.000	236.037	5.6	86	-0.02
26 T	2,2-Dichloropropane	50.000	45.472	9.1	82	-0.02
27 T	cis-1,2-Dichloroethene	50.000	50.186	-0.4	90	-0.01
28 T	Bromochloromethane	50.000	47.743	4.5	84	-0.02
29	Tetrahydrofuran	250.000	232.624	7.0	82	-0.01
30 C	Chloroform	50.000	50.495	-1.0#	94	-0.02
31 T	Cyclohexane	50.000	48.975	2.0	89	-0.01
32 T	1,1,1-Trichloroethane	50.000	54.210	-8.4	98	-0.03
33 S	1,2-Dichloroethane-d4	50.000	45.832	8.3	86	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.01
35 S	Dibromofluoromethane	50.000	44.614	10.8	86	-0.02
36 T	1,1-Dichloropropene	50.000	49.726	0.5	89	-0.02
37 T	Ethyl Acetate	50.000	44.542	10.9	81	-0.01
38 T	Carbon Tetrachloride	50.000	51.973	-3.9	94	-0.01
39 T	Methylcyclohexane	50.000	48.415	3.2	85	-0.01
40 TM	Benzene	50.000	49.152	1.7	91	-0.02
41 T	Methacrylonitrile	50.000	48.986	2.0	91	-0.02
42 TM	1,2-Dichloroethane	50.000	50.046	-0.1	91	-0.01
43 T	Isopropyl Acetate	50.000	49.887	0.2	88	-0.01
44 TM	Trichloroethene	50.000	46.703	6.6	85	-0.01
45 C	1,2-Dichloropropane	50.000	48.545	2.9#	85	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.067	-6.1	91	-0.01
47 T	Bromodichloromethane	50.000	50.827	-1.7	91	-0.01
48 T	Methyl methacrylate	50.000	48.471	3.1	89	-0.01
49 T	1,4-Dioxane	1000.000	919.945	8.0	76	-0.01
50 S	Toluene-d8	50.000	42.952	14.1	81	-0.01
51 T	4-Methyl-2-Pentanone	250.000	243.335	2.7	85	-0.01
52 CM	Toluene	50.000	48.744	2.5#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.309	-0.6	88	-0.01
54 T	cis-1,3-Dichloropropene	50.000	52.201	-4.4	92	-0.01
55 T	1,1,2-Trichloroethane	50.000	49.543	0.9	89	-0.01
56 T	Ethyl methacrylate	50.000	50.809	-1.6	90	0.00
57 T	1,3-Dichloropropane	50.000	48.493	3.0	83	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	242.247	3.1	86	-0.01
59 T	2-Hexanone	250.000	224.078	10.4	80	-0.01
60 T	Dibromochloromethane	50.000	53.905	-7.8	93	-0.01
61 T	1,2-Dibromoethane	50.000	51.864	-3.7	92	-0.01
62 S	4-Bromofluorobenzene	50.000	41.418	17.2	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	48.905	2.2	90	-0.01
65 PM	Chlorobenzene	50.000	49.921	0.2	94	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.378	-2.8	94	-0.01
67 C	Ethyl Benzene	50.000	48.730	2.5#	94	0.00
68 T	m/p-Xylenes	100.000	94.448	5.6	91	-0.01
69 T	o-Xylene	50.000	47.730	4.5	88	-0.01
70 T	Styrene	50.000	48.020	4.0	91	0.00
71 P	Bromoform	50.000	51.705	-3.4	91	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	48.882	2.2	86	0.00
74 T	N-amyl acetate	50.000	49.784	0.4	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.511	-3.0	91	0.00
76 T	1,2,3-Trichloropropane	50.000	47.666	4.7	84	0.00
77 T	Bromobenzene	50.000	50.740	-1.5	92	0.00
78 T	n-propylbenzene	50.000	49.155	1.7	94	0.00
79 T	2-Chlorotoluene	50.000	49.435	1.1	92	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.228	-0.5	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.952	2.1	80	0.00
82 T	4-Chlorotoluene	50.000	47.853	4.3	86	0.00
83 T	tert-Butylbenzene	50.000	50.838	-1.7	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.122	5.8	86	0.00
85 T	sec-Butylbenzene	50.000	46.904	6.2	88	0.00
86 T	p-Isopropyltoluene	50.000	49.289	1.4	89	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.575	2.8	90	0.00
88 T	1,4-Dichlorobenzene	50.000	49.108	1.8	90	0.00
89 T	n-Butylbenzene	50.000	49.581	0.8	89	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.327	-2.7	89	0.00
91 T	1,2-Dichlorobenzene	50.000	48.187	3.6	90	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.428	5.1	81	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	49.188	1.6	89	0.00
94 T	Hexachlorobutadiene	50.000	50.014	-0.0	88	0.00
95 T	Naphthalene	50.000	50.120	-0.2	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.959	-1.9	88	0.00

(#) = Out of Range

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