

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF032619\
 Data File : VF062142.D
 Acq On : 26 Mar 2019 13:05
 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: Mar 27 09:48:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 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	90	-0.06
2 T	Dichlorodifluoromethane	50.000	47.071	5.9	86	-0.01
3 P	Chloromethane	50.000	47.513	5.0	86	-0.01
4 C	Vinyl Chloride	50.000	47.866	4.3#	85	-0.01
5 T	Bromomethane	50.000	46.906	6.2	86	-0.02
6 T	Chloroethane	50.000	50.661	-1.3	91	-0.03
7 T	Trichlorofluoromethane	50.000	52.342	-4.7	91	-0.03
8 T	Diethyl Ether	50.000	45.531	8.9	81	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.542	0.9	87	-0.03
10 T	Methyl Iodide	50.000	51.535	-3.1	92	-0.03
11 T	Tert butyl alcohol	250.000	239.710	4.1	83	-0.03
12 CM	1,1-Dichloroethene	50.000	50.335	-0.7#	91	-0.03
13 T	Acrolein	250.000	270.261	-8.1	92	-0.02
14 T	Allyl chloride	50.000	56.194	-12.4	100	-0.03
15 T	Acrylonitrile	250.000	226.088	9.6	82	-0.04
16 T	Acetone	250.000	287.358	-14.9	87	-0.03
17 T	Carbon Disulfide	50.000	50.039	-0.1	87	-0.04
18 T	Methyl Acetate	50.000	47.856	4.3	95	-0.03
19 T	Methyl tert-butyl Ether	50.000	48.003	4.0	86	-0.04
20 T	Methylene Chloride	50.000	51.480	-3.0	92	-0.03
21 T	trans-1,2-Dichloroethene	50.000	51.934	-3.9	91	-0.04
22 T	Diisopropyl ether	50.000	50.074	-0.1	93	-0.04
23 T	Vinyl Acetate	250.000	254.216	-1.7	90	-0.04
24 P	1,1-Dichloroethane	50.000	50.206	-0.4	93	-0.04
25 T	2-Butanone	250.000	254.832	-1.9	86	-0.05
26 T	2,2-Dichloropropane	50.000	53.385	-6.8	93	-0.05
27 T	cis-1,2-Dichloroethene	50.000	47.907	4.2	89	-0.05
28 T	Bromochloromethane	50.000	51.789	-3.6	88	-0.05
29	Tetrahydrofuran	250.000	221.697	11.3	82	-0.06
30 C	Chloroform	50.000	50.460	-0.9#	93	-0.05
31 T	Cyclohexane	50.000	47.983	4.0	87	-0.05
32 T	1,1,1-Trichloroethane	50.000	49.287	1.4	90	-0.05
33 S	1,2-Dichloroethane-d4	50.000	49.163	1.7	82	-0.06
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	-0.05
35 S	Dibromofluoromethane	50.000	48.484	3.0	84	-0.05
36 T	1,1-Dichloropropene	50.000	48.028	3.9	89	-0.06
37 T	Ethyl Acetate	50.000	45.076	9.8	87	-0.06
38 T	Carbon Tetrachloride	50.000	51.990	-4.0	95	-0.05
39 T	Methylcyclohexane	50.000	47.155	5.7	83	-0.06
40 TM	Benzene	50.000	47.657	4.7	88	-0.06
41 T	Methacrylonitrile	50.000	43.752	12.5	80	-0.05
42 TM	1,2-Dichloroethane	50.000	50.732	-1.5	93	-0.06
43 T	Isopropyl Acetate	50.000	45.486	9.0	85	-0.05
44 TM	Trichloroethene	50.000	47.596	4.8	88	-0.06
45 C	1,2-Dichloropropane	50.000	50.038	-0.1#	93	-0.05

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.336	5.3	88	-0.05
47 T	Bromodichloromethane	50.000	47.610	4.8	89	-0.05
48 T	Methyl methacrylate	50.000	45.961	8.1	85	-0.06
49 T	1,4-Dioxane	1000.000	993.802	0.6	82	-0.06
50 S	Toluene-d8	50.000	48.745	2.5	82	-0.06
51 T	4-Methyl-2-Pentanone	250.000	238.510	4.6	90	-0.05
52 CM	Toluene	50.000	49.923	0.2#	93	-0.06
53 T	t-1,3-Dichloropropene	50.000	51.901	-3.8	98	-0.05
54 T	cis-1,3-Dichloropropene	50.000	49.036	1.9	91	-0.05
55 T	1,1,2-Trichloroethane	50.000	47.669	4.7	86	-0.06
56 T	Ethyl methacrylate	50.000	46.512	7.0	83	-0.05
57 T	1,3-Dichloropropane	50.000	49.968	0.1	89	-0.05
58 T	2-Chloroethyl Vinyl ether	250.000	251.457	-0.6	87	-0.05
59 T	2-Hexanone	250.000	228.620	8.6	78	-0.05
60 T	Dibromochloromethane	50.000	51.792	-3.6	93	-0.05
61 T	1,2-Dibromoethane	50.000	49.299	1.4	86	-0.05
62 S	4-Bromofluorobenzene	50.000	48.727	2.5	86	-0.04
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	-0.06
64 T	Tetrachloroethene	50.000	50.118	-0.2	91	-0.05
65 PM	Chlorobenzene	50.000	50.352	-0.7	90	-0.05
66 T	1,1,1,2-Tetrachloroethane	50.000	51.146	-2.3	91	-0.06
67 C	Ethyl Benzene	50.000	50.735	-1.5#	92	-0.05
68 T	m/p-Xylenes	100.000	99.977	0.0	91	-0.05
69 T	o-Xylene	50.000	51.109	-2.2	86	-0.04
70 T	Styrene	50.000	49.188	1.6	93	-0.04
71 P	Bromoform	50.000	49.113	1.8	89	-0.04
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	-0.03
73 T	Isopropylbenzene	50.000	48.666	2.7	89	-0.04
74 T	N-amyl acetate	50.000	48.828	2.3	87	-0.04
75 P	1,1,2,2-Tetrachloroethane	50.000	48.795	2.4	88	-0.04
76 T	1,2,3-Trichloropropane	50.000	46.692	6.6	89	-0.04
77 T	Bromobenzene	50.000	47.892	4.2	92	-0.04
78 T	n-propylbenzene	50.000	48.977	2.0	92	-0.03
79 T	2-Chlorotoluene	50.000	49.008	2.0	90	-0.04
80 T	1,3,5-Trimethylbenzene	50.000	50.295	-0.6	92	-0.04
81 T	trans-1,4-Dichloro-2-butene	50.000	45.623	8.8	80	-0.03
82 T	4-Chlorotoluene	50.000	48.153	3.7	91	-0.04
83 T	tert-Butylbenzene	50.000	52.138	-4.3	95	-0.04
84 T	1,2,4-Trimethylbenzene	50.000	50.378	-0.8	94	-0.03
85 T	sec-Butylbenzene	50.000	50.195	-0.4	93	-0.03
86 T	p-Isopropyltoluene	50.000	51.304	-2.6	98	-0.04
87 T	1,3-Dichlorobenzene	50.000	49.544	0.9	95	-0.04
88 T	1,4-Dichlorobenzene	50.000	49.240	1.5	90	-0.04
89 T	n-Butylbenzene	50.000	49.631	0.7	91	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.695	-5.4	94	-0.03
91 T	1,2-Dichlorobenzene	50.000	49.113	1.8	91	-0.04
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.263	1.5	87	-0.03
93 T	1,2,4-Trichlorobenzene	50.000	50.496	-1.0	97	-0.03
94 T	Hexachlorobutadiene	50.000	52.565	-5.1	97	-0.03
95 T	Naphthalene	50.000	49.624	0.8	87	-0.03
96 T	1,2,3-Trichlorobenzene	50.000	50.499	-1.0	93	-0.03

(#) = Out of Range

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