

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022619\
 Data File : VF061741.D
 Acq On : 26 Feb 2019 14:20
 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: Feb 27 04:15:57 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	117	-0.04
2 T	Dichlorodifluoromethane	50.000	47.611	4.8	123	-0.01
3 P	Chloromethane	50.000	45.273	9.5	109	-0.01
4 C	Vinyl Chloride	50.000	48.507	3.0#	118	-0.01
5 T	Bromomethane	50.000	52.452	-4.9	119	-0.01
6 T	Chloroethane	50.000	50.619	-1.2	121	0.00
7 T	Trichlorofluoromethane	50.000	54.076	-8.2	132	-0.01
8 T	Diethyl Ether	50.000	44.437	11.1	105	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.940	2.1	120	-0.01
10 T	Methyl Iodide	50.000	50.433	-0.9	119	0.00
11 T	Tert butyl alcohol	250.000	226.388	9.4	108	-0.02
12 CM	1,1-Dichloroethene	50.000	53.576	-7.2#	129	-0.01
13 T	Acrolein	250.000	199.695	20.1	90	-0.02
14 T	Allyl chloride	50.000	46.798	6.4	108	-0.01
15 T	Acrylonitrile	250.000	222.360	11.1	108	-0.03
16 T	Acetone	250.000	266.298	-6.5	123	-0.02
17 T	Carbon Disulfide	50.000	49.030	1.9	117	-0.02
18 T	Methyl Acetate	50.000	48.186	3.6	127	-0.02
19 T	Methyl tert-butyl Ether	50.000	52.133	-4.3	124	-0.02
20 T	Methylene Chloride	50.000	51.403	-2.8	123	-0.02
21 T	trans-1,2-Dichloroethene	50.000	40.468	19.1	97	-0.02
22 T	Diisopropyl ether	50.000	50.491	-1.0	121	-0.02
23 T	Vinyl Acetate	250.000	222.449	11.0	107	-0.03
24 P	1,1-Dichloroethane	50.000	50.841	-1.7	125	-0.02
25 T	2-Butanone	250.000	237.905	4.8	115	-0.03
26 T	2,2-Dichloropropane	50.000	53.192	-6.4	128	-0.04
27 T	cis-1,2-Dichloroethene	50.000	48.408	3.2	117	-0.04
28 T	Bromochloromethane	50.000	48.531	2.9	107	-0.03
29	Tetrahydrofuran	250.000	220.347	11.9	109	-0.04
30 C	Chloroform	50.000	51.801	-3.6#	121	-0.04
31 T	Cyclohexane	50.000	48.749	2.5	117	-0.04
32 T	1,1,1-Trichloroethane	50.000	45.946	8.1	102	-0.03
33 S	1,2-Dichloroethane-d4	50.000	47.844	4.3	110	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	-0.04
35 S	Dibromofluoromethane	50.000	48.036	3.9	118	-0.03
36 T	1,1-Dichloropropene	50.000	49.848	0.3	125	-0.04
37 T	Ethyl Acetate	50.000	41.145	17.7	108	-0.05
38 T	Carbon Tetrachloride	50.000	50.449	-0.9	127	-0.03
39 T	Methylcyclohexane	50.000	49.411	1.2	120	-0.03
40 TM	Benzene	50.000	47.151	5.7	116	-0.03
41 T	Methacrylonitrile	50.000	41.813	16.4	103	-0.05
42 TM	1,2-Dichloroethane	50.000	51.757	-3.5	124	-0.04
43 T	Isopropyl Acetate	50.000	45.024	10.0	117	-0.04
44 TM	Trichloroethene	50.000	50.150	-0.3	126	-0.03
45 C	1,2-Dichloropropane	50.000	50.055	-0.1#	120	-0.04

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.138	-0.3	117	-0.04
47 T	Bromodichloromethane	50.000	51.451	-2.9	122	-0.04
48 T	Methyl methacrylate	50.000	46.513	7.0	114	-0.03
49 T	1,4-Dioxane	1000.000	978.496	2.2	114	-0.03
50 S	Toluene-d8	50.000	47.050	5.9	109	-0.03
51 T	4-Methyl-2-Pentanone	250.000	212.756	14.9	105	-0.04
52 CM	Toluene	50.000	49.217	1.6#	127	-0.03
53 T	t-1,3-Dichloropropene	50.000	49.396	1.2	122	-0.04
54 T	cis-1,3-Dichloropropene	50.000	53.250	-6.5	131	-0.04
55 T	1,1,2-Trichloroethane	50.000	49.128	1.7	117	-0.03
56 T	Ethyl methacrylate	50.000	44.015	12.0	110	-0.03
57 T	1,3-Dichloropropane	50.000	47.153	5.7	116	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	208.309	16.7	105	-0.03
59 T	2-Hexanone	250.000	225.584	9.8	113	-0.03
60 T	Dibromochloromethane	50.000	51.649	-3.3	123	-0.03
61 T	1,2-Dibromoethane	50.000	46.016	8.0	112	-0.04
62 S	4-Bromofluorobenzene	50.000	46.781	6.4	116	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	-0.04
64 T	Tetrachloroethene	50.000	55.281	-10.6	126	-0.03
65 PM	Chlorobenzene	50.000	51.343	-2.7	119	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	55.038	-10.1	126	-0.03
67 C	Ethyl Benzene	50.000	53.564	-7.1#	126	-0.03
68 T	m/p-Xylenes	100.000	105.203	-5.2	124	-0.03
69 T	o-Xylene	50.000	53.440	-6.9	120	-0.03
70 T	Styrene	50.000	51.070	-2.1	120	-0.02
71 P	Bromoform	50.000	50.220	-0.4	112	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	-0.02
73 T	Isopropylbenzene	50.000	52.821	-5.6	128	-0.02
74 T	N-amyl acetate	50.000	46.041	7.9	109	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	47.308	5.4	114	-0.02
76 T	1,2,3-Trichloropropane	50.000	45.774	8.5	110	-0.02
77 T	Bromobenzene	50.000	50.351	-0.7	126	-0.03
78 T	n-propylbenzene	50.000	47.824	4.4	118	-0.02
79 T	2-Chlorotoluene	50.000	51.091	-2.2	121	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	51.093	-2.2	123	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	44.112	11.8	103	-0.03
82 T	4-Chlorotoluene	50.000	47.915	4.2	118	-0.03
83 T	tert-Butylbenzene	50.000	50.672	-1.3	118	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	51.698	-3.4	128	-0.02
85 T	sec-Butylbenzene	50.000	51.705	-3.4	123	-0.02
86 T	p-Isopropyltoluene	50.000	53.176	-6.4	129	-0.02
87 T	1,3-Dichlorobenzene	50.000	49.675	0.7	125	-0.02
88 T	1,4-Dichlorobenzene	50.000	50.967	-1.9	127	-0.02
89 T	n-Butylbenzene	50.000	50.091	-0.2	121	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.473	-10.9	128	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.621	2.8	120	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.946	4.1	109	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	50.891	-1.8	125	-0.02
94 T	Hexachlorobutadiene	50.000	54.909	-9.8	133	-0.02
95 T	Naphthalene	50.000	49.678	0.6	117	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	53.330	-6.7	126	-0.02

(#) = Out of Range

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