

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF031319\
 Data File : VF061925.D
 Acq On : 13 Mar 2019 13:42
 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 14 01:22:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 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	93	-0.04
2 T	Dichlorodifluoromethane	50.000	45.185	9.6	85	0.00
3 P	Chloromethane	50.000	49.177	1.6	93	0.00
4 C	Vinyl Chloride	50.000	49.641	0.7#	92	0.00
5 T	Bromomethane	50.000	54.722	-9.4	99	0.00
6 T	Chloroethane	50.000	55.835	-11.7	100	-0.02
7 T	Trichlorofluoromethane	50.000	53.063	-6.1	96	-0.02
8 T	Diethyl Ether	50.000	51.411	-2.8	91	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.317	-8.6	102	-0.03
10 T	Methyl Iodide	50.000	52.054	-4.1	96	-0.03
11 T	Tert butyl alcohol	250.000	276.730	-10.7	103	-0.04
12 CM	1,1-Dichloroethene	50.000	53.807	-7.6#	100	-0.02
13 T	Acrolein	250.000	252.572	-1.0	96	-0.02
14 T	Allyl chloride	50.000	62.334	-24.7	115	-0.02
15 T	Acrylonitrile	250.000	273.683	-9.5	103	-0.03
16 T	Acetone	250.000	305.768	-22.3	115	-0.02
17 T	Carbon Disulfide	50.000	51.842	-3.7	93	-0.02
18 T	Methyl Acetate	50.000	69.862	-39.7#	126	-0.03
19 T	Methyl tert-butyl Ether	50.000	53.570	-7.1	96	-0.02
20 T	Methylene Chloride	50.000	51.513	-3.0	95	-0.02
21 T	trans-1,2-Dichloroethene	50.000	59.554	-19.1	117	-0.02
22 T	Diisopropyl ether	50.000	55.961	-11.9	102	-0.03
23 T	Vinyl Acetate	250.000	253.089	-1.2	92	-0.03
24 P	1,1-Dichloroethane	50.000	55.050	-10.1	102	-0.02
25 T	2-Butanone	250.000	268.071	-7.2	100	-0.04
26 T	2,2-Dichloropropane	50.000	57.961	-15.9	107	-0.03
27 T	cis-1,2-Dichloroethene	50.000	53.354	-6.7	95	-0.03
28 T	Bromochloromethane	50.000	54.781	-9.6	108	-0.03
29	Tetrahydrofuran	250.000	253.951	-1.6	99	-0.04
30 C	Chloroform	50.000	53.002	-6.0#	95	-0.03
31 T	Cyclohexane	50.000	51.635	-3.3	94	-0.02
32 T	1,1,1-Trichloroethane	50.000	52.195	-4.4	97	-0.03
33 S	1,2-Dichloroethane-d4	50.000	55.369	-10.7	105	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	-0.04
35 S	Dibromofluoromethane	50.000	51.723	-3.4	109	-0.04
36 T	1,1-Dichloropropene	50.000	49.168	1.7	95	-0.04
37 T	Ethyl Acetate	50.000	45.896	8.2	95	-0.03
38 T	Carbon Tetrachloride	50.000	48.772	2.5	91	-0.04
39 T	Methylcyclohexane	50.000	50.732	-1.5	95	-0.04
40 TM	Benzene	50.000	48.328	3.3	93	-0.04
41 T	Methacrylonitrile	50.000	45.933	8.1	93	-0.04
42 TM	1,2-Dichloroethane	50.000	47.653	4.7	88	-0.04
43 T	Isopropyl Acetate	50.000	46.598	6.8	88	-0.04
44 TM	Trichloroethene	50.000	50.370	-0.7	96	-0.04
45 C	1,2-Dichloropropane	50.000	51.305	-2.6#	99	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.774	4.5	94	-0.03
47 T	Bromodichloromethane	50.000	49.601	0.8	94	-0.03
48 T	Methyl methacrylate	50.000	44.857	10.3	85	-0.04
49 T	1,4-Dioxane	1000.000	1030.838	-3.1	87	-0.03
50 S	Toluene-d8	50.000	50.032	-0.1	104	-0.03
51 T	4-Methyl-2-Pentanone	250.000	244.610	2.2	97	-0.03
52 CM	Toluene	50.000	50.571	-1.1#	97	-0.03
53 T	t-1,3-Dichloropropene	50.000	48.782	2.4	95	-0.03
54 T	cis-1,3-Dichloropropene	50.000	50.209	-0.4	97	-0.03
55 T	1,1,2-Trichloroethane	50.000	48.982	2.0	96	-0.04
56 T	Ethyl methacrylate	50.000	49.524	1.0	96	-0.03
57 T	1,3-Dichloropropane	50.000	48.737	2.5	89	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	253.071	-1.2	106	-0.04
59 T	2-Hexanone	250.000	245.648	1.7	101	-0.03
60 T	Dibromochloromethane	50.000	49.323	1.4	95	-0.04
61 T	1,2-Dibromoethane	50.000	48.136	3.7	92	-0.03
62 S	4-Bromofluorobenzene	50.000	48.833	2.3	101	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	-0.03
64 T	Tetrachloroethene	50.000	51.111	-2.2	89	-0.04
65 PM	Chlorobenzene	50.000	50.772	-1.5	91	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	52.386	-4.8	96	-0.03
67 C	Ethyl Benzene	50.000	51.787	-3.6#	92	-0.04
68 T	m/p-Xylenes	100.000	104.074	-4.1	98	-0.03
69 T	o-Xylene	50.000	53.876	-7.8	95	-0.03
70 T	Styrene	50.000	52.044	-4.1	95	-0.03
71 P	Bromoform	50.000	49.537	0.9	88	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	-0.02
73 T	Isopropylbenzene	50.000	54.094	-8.2	94	-0.03
74 T	N-amyl acetate	50.000	53.350	-6.7	93	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	54.302	-8.6	95	-0.03
76 T	1,2,3-Trichloropropane	50.000	52.878	-5.8	95	-0.03
77 T	Bromobenzene	50.000	51.986	-4.0	92	-0.02
78 T	n-propylbenzene	50.000	53.584	-7.2	93	-0.02
79 T	2-Chlorotoluene	50.000	53.647	-7.3	95	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	54.127	-8.3	94	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	55.853	-11.7	104	-0.02
82 T	4-Chlorotoluene	50.000	52.751	-5.5	91	-0.02
83 T	tert-Butylbenzene	50.000	55.548	-11.1	94	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	54.234	-8.5	91	-0.02
85 T	sec-Butylbenzene	50.000	55.186	-10.4	94	-0.02
86 T	p-Isopropyltoluene	50.000	54.015	-8.0	97	-0.02
87 T	1,3-Dichlorobenzene	50.000	51.679	-3.4	93	-0.03
88 T	1,4-Dichlorobenzene	50.000	52.926	-5.9	94	-0.02
89 T	n-Butylbenzene	50.000	54.747	-9.5	96	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.841	-9.7	92	-0.02
91 T	1,2-Dichlorobenzene	50.000	53.470	-6.9	96	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.528	2.9	95	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	52.100	-4.2	95	-0.03
94 T	Hexachlorobutadiene	50.000	50.632	-1.3	91	-0.02
95 T	Naphthalene	50.000	52.403	-4.8	91	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	52.159	-4.3	90	-0.02

(#) = Out of Range

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