

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011419\
 Data File : VF061384.D
 Acq On : 14 Jan 2019 12:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 14 21:46:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 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	52.611	-5.2	98	-0.02
3 P	Chloromethane	50.000	43.560	12.9	85	0.00
4 C	Vinyl Chloride	50.000	44.104	11.8#	81	0.00
5 T	Bromomethane	50.000	38.585	22.8	74	0.00
6 T	Chloroethane	50.000	42.586	14.8	75	0.00
7 T	Trichlorofluoromethane	50.000	49.364	1.3	89	0.00
8 T	Diethyl Ether	50.000	45.120	9.8	79	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.197	7.6	83	0.00
10 T	Methyl Iodide	50.000	45.456	9.1	83	0.03
11 T	Tert butyl alcohol	250.000	315.433	-26.2#	139	-0.03
12 CM	1,1-Dichloroethene	50.000	48.608	2.8#	87	0.02
13 T	Acrolein	250.000	270.733	-8.3	97	-0.03
14 T	Allyl chloride	50.000	41.460	17.1	75	-0.02
15 T	Acrylonitrile	250.000	204.893	18.0	80	-0.03
16 T	Acetone	250.000	296.305	-18.5	119	-0.02
17 T	Carbon Disulfide	50.000	43.113	13.8	76	0.01
18 T	Methyl Acetate	50.000	45.145	9.7	87	-0.02
19 T	Methyl tert-butyl Ether	50.000	50.242	-0.5	87	-0.03
20 T	Methylene Chloride	50.000	42.820	14.4	80	-0.02
21 T	trans-1,2-Dichloroethene	50.000	44.215	11.6	78	-0.02
22 T	Diisopropyl ether	50.000	44.885	10.2	81	-0.02
23 T	Vinyl Acetate	250.000	328.678	-31.5#	120	-0.03
24 P	1,1-Dichloroethane	50.000	46.751	6.5	87	-0.03
25 T	2-Butanone	250.000	269.016	-7.6	112	-0.03
26 T	2,2-Dichloropropane	50.000	45.208	9.6	80	-0.04
27 T	cis-1,2-Dichloroethene	50.000	47.068	5.9	90	-0.03
28 T	Bromochloromethane	50.000	46.119	7.8	86	-0.03
29	Tetrahydrofuran	250.000	269.834	-7.9	107	-0.04
30 C	Chloroform	50.000	49.713	0.6#	91	-0.04
31 T	Cyclohexane	50.000	45.046	9.9	83	-0.04
32 T	1,1,1-Trichloroethane	50.000	48.242	3.5	85	-0.05
33 S	1,2-Dichloroethane-d4	50.000	56.236	-12.5	107	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	-0.03
35 S	Dibromofluoromethane	50.000	53.504	-7.0	100	-0.04
36 T	1,1-Dichloropropene	50.000	52.325	-4.7	101	-0.03
37 T	Ethyl Acetate	50.000	54.324	-8.6	112	-0.04
38 T	Carbon Tetrachloride	50.000	49.174	1.7	89	-0.04
39 T	Methylcyclohexane	50.000	46.917	6.2	86	-0.04
40 TM	Benzene	50.000	48.418	3.2	96	-0.04
41 T	Methacrylonitrile	50.000	52.532	-5.1	105	-0.03
42 TM	1,2-Dichloroethane	50.000	56.991	-14.0	111	-0.03
43 T	Isopropyl Acetate	50.000	54.053	-8.1	106	-0.03
44 TM	Trichloroethene	50.000	53.890	-7.8	104	-0.04
45 C	1,2-Dichloropropane	50.000	50.404	-0.8#	95	-0.03

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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)
46 T	Dibromomethane	50.000	55.187	-10.4	107	-0.03
47 T	Bromodichloromethane	50.000	57.487	-15.0	107	-0.03
48 T	Methyl methacrylate	50.000	52.795	-5.6	96	-0.03
49 T	1,4-Dioxane	1000.000	1477.581	-47.8#	149	-0.02
50 S	Toluene-d8	50.000	51.636	-3.3	97	-0.04
51 T	4-Methyl-2-Pentanone	250.000	263.241	-5.3	100	-0.03
52 CM	Toluene	50.000	52.342	-4.7#	100	-0.04
53 T	t-1,3-Dichloropropene	50.000	55.576	-11.2	105	-0.03
54 T	cis-1,3-Dichloropropene	50.000	56.735	-13.5	106	-0.03
55 T	1,1,2-Trichloroethane	50.000	56.500	-13.0	109	-0.02
56 T	Ethyl methacrylate	50.000	56.096	-12.2	106	-0.03
57 T	1,3-Dichloropropane	50.000	57.380	-14.8	107	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	362.092	-44.8#	120	-0.03
59 T	2-Hexanone	250.000	291.207	-16.5	118	-0.03
60 T	Dibromochloromethane	50.000	59.489	-19.0	105	-0.03
61 T	1,2-Dibromoethane	50.000	57.286	-14.6	110	-0.03
62 S	4-Bromofluorobenzene	50.000	51.052	-2.1	99	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	-0.03
64 T	Tetrachloroethene	50.000	50.515	-1.0	102	-0.03
65 PM	Chlorobenzene	50.000	49.986	0.0	105	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	48.013	4.0	97	-0.03
67 C	Ethyl Benzene	50.000	44.423	11.2#	91	-0.02
68 T	m/p-Xylenes	100.000	93.178	6.8	98	-0.03
69 T	o-Xylene	50.000	45.452	9.1	90	-0.02
70 T	Styrene	50.000	46.500	7.0	93	-0.02
71 P	Bromoform	50.000	57.737	-15.5	110	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	-0.02
73 T	Isopropylbenzene	50.000	52.911	-5.8	98	-0.02
74 T	N-amyl acetate	50.000	54.760	-9.5	102	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	53.532	-7.1	99	-0.02
76 T	1,2,3-Trichloropropane	50.000	53.866	-7.7	107	-0.02
77 T	Bromobenzene	50.000	53.498	-7.0	102	-0.02
78 T	n-propylbenzene	50.000	48.020	4.0	92	-0.02
79 T	2-Chlorotoluene	50.000	49.877	0.2	95	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	50.975	-2.0	99	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	55.384	-10.8	108	-0.02
82 T	4-Chlorotoluene	50.000	48.824	2.4	97	-0.02
83 T	tert-Butylbenzene	50.000	53.183	-6.4	102	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	51.644	-3.3	97	-0.02
85 T	sec-Butylbenzene	50.000	48.703	2.6	92	-0.01
86 T	p-Isopropyltoluene	50.000	50.993	-2.0	95	-0.02
87 T	1,3-Dichlorobenzene	50.000	50.225	-0.5	99	-0.01
88 T	1,4-Dichlorobenzene	50.000	52.170	-4.3	99	-0.01
89 T	n-Butylbenzene	50.000	50.597	-1.2	96	-0.02

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90 T	Hexachloroethane	50.000	56.077	-12.2	104	-0.02
91 T	1,2-Dichlorobenzene	50.000	49.670	0.7	94	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.015	-18.0	102	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	51.880	-3.8	95	-0.01
94 T	Hexachlorobutadiene	50.000	51.375	-2.8	94	-0.01
95 T	Naphthalene	50.000	54.385	-8.8	99	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	51.973	-3.9	95	-0.02

(#) = Out of Range

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