

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF032519\
 Data File : VF062127.D
 Acq On : 25 Mar 2019 12:48
 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 26 04:50:33 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	-0.05
2 T	Dichlorodifluoromethane	50.000	53.250	-6.5	97	-0.01
3 P	Chloromethane	50.000	53.291	-6.6	96	-0.01
4 C	Vinyl Chloride	50.000	54.942	-9.9#	98	-0.02
5 T	Bromomethane	50.000	52.704	-5.4	97	-0.01
6 T	Chloroethane	50.000	54.234	-8.5	97	-0.03
7 T	Trichlorofluoromethane	50.000	56.335	-12.7	98	-0.03
8 T	Diethyl Ether	50.000	48.613	2.8	87	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.990	-6.0	93	-0.04
10 T	Methyl Iodide	50.000	52.289	-4.6	94	-0.03
11 T	Tert butyl alcohol	250.000	259.294	-3.7	90	-0.04
12 CM	1,1-Dichloroethene	50.000	50.755	-1.5#	91	-0.03
13 T	Acrolein	250.000	280.478	-12.2	95	-0.02
14 T	Allyl chloride	50.000	70.860	-41.7#	126	-0.02
15 T	Acrylonitrile	250.000	243.854	2.5	89	-0.03
16 T	Acetone	250.000	291.988	-16.8	88	-0.02
17 T	Carbon Disulfide	50.000	53.105	-6.2	93	-0.03
18 T	Methyl Acetate	50.000	48.710	2.6	96	-0.02
19 T	Methyl tert-butyl Ether	50.000	53.574	-7.1	96	-0.03
20 T	Methylene Chloride	50.000	51.341	-2.7	92	-0.02
21 T	trans-1,2-Dichloroethene	50.000	52.673	-5.3	92	-0.03
22 T	Diisopropyl ether	50.000	52.178	-4.4	96	-0.03
23 T	Vinyl Acetate	250.000	273.574	-9.4	97	-0.03
24 P	1,1-Dichloroethane	50.000	52.333	-4.7	97	-0.03
25 T	2-Butanone	250.000	261.929	-4.8	88	-0.04
26 T	2,2-Dichloropropane	50.000	55.205	-10.4	96	-0.03
27 T	cis-1,2-Dichloroethene	50.000	52.279	-4.6	97	-0.04
28 T	Bromochloromethane	50.000	50.370	-0.7	86	-0.04
29	Tetrahydrofuran	250.000	251.662	-0.7	93	-0.04
30 C	Chloroform	50.000	52.025	-4.0#	96	-0.04
31 T	Cyclohexane	50.000	51.690	-3.4	93	-0.04
32 T	1,1,1-Trichloroethane	50.000	63.252	-26.5#	116	-0.04
33 S	1,2-Dichloroethane-d4	50.000	50.974	-1.9	85	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	-0.04
35 S	Dibromofluoromethane	50.000	53.265	-6.5	95	-0.04
36 T	1,1-Dichloropropene	50.000	51.524	-3.0	98	-0.04
37 T	Ethyl Acetate	50.000	46.997	6.0	92	-0.05
38 T	Carbon Tetrachloride	50.000	55.070	-10.1	103	-0.03
39 T	Methylcyclohexane	50.000	52.650	-5.3	94	-0.04
40 TM	Benzene	50.000	50.064	-0.1	95	-0.04
41 T	Methacrylonitrile	50.000	45.717	8.6	85	-0.04
42 TM	1,2-Dichloroethane	50.000	50.052	-0.1	94	-0.04
43 T	Isopropyl Acetate	50.000	48.612	2.8	93	-0.04
44 TM	Trichloroethene	50.000	50.212	-0.4	95	-0.04
45 C	1,2-Dichloropropane	50.000	45.298	9.4#	86	-0.05

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.339	1.3	93	-0.04
47 T	Bromodichloromethane	50.000	51.570	-3.1	98	-0.04
48 T	Methyl methacrylate	50.000	48.374	3.3	91	-0.04
49 T	1,4-Dioxane	1000.000	931.936	6.8	79	-0.04
50 S	Toluene-d8	50.000	51.708	-3.4	89	-0.04
51 T	4-Methyl-2-Pentanone	250.000	243.786	2.5	94	-0.04
52 CM	Toluene	50.000	52.817	-5.6#	101	-0.04
53 T	t-1,3-Dichloropropene	50.000	52.191	-4.4	100	-0.04
54 T	cis-1,3-Dichloropropene	50.000	50.344	-0.7	95	-0.04
55 T	1,1,2-Trichloroethane	50.000	49.236	1.5	90	-0.05
56 T	Ethyl methacrylate	50.000	51.161	-2.3	94	-0.05
57 T	1,3-Dichloropropane	50.000	52.014	-4.0	95	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	246.563	1.4	88	-0.04
59 T	2-Hexanone	250.000	248.083	0.8	87	-0.04
60 T	Dibromochloromethane	50.000	52.630	-5.3	96	-0.04
61 T	1,2-Dibromoethane	50.000	50.085	-0.2	89	-0.04
62 S	4-Bromofluorobenzene	50.000	50.411	-0.8	91	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	-0.04
64 T	Tetrachloroethene	50.000	51.479	-3.0	94	-0.04
65 PM	Chlorobenzene	50.000	53.810	-7.6	97	-0.04
66 T	1,1,1,2-Tetrachloroethane	50.000	53.467	-6.9	96	-0.04
67 C	Ethyl Benzene	50.000	53.972	-7.9#	99	-0.03
68 T	m/p-Xylenes	100.000	106.223	-6.2	98	-0.04
69 T	o-Xylene	50.000	52.524	-5.0	90	-0.03
70 T	Styrene	50.000	52.196	-4.4	99	-0.03
71 P	Bromoform	50.000	50.791	-1.6	93	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	-0.02
73 T	Isopropylbenzene	50.000	55.774	-11.5	101	-0.03
74 T	N-amyl acetate	50.000	52.700	-5.4	93	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	52.538	-5.1	93	-0.03
76 T	1,2,3-Trichloropropane	50.000	50.071	-0.1	95	-0.03
77 T	Bromobenzene	50.000	53.433	-6.9	101	-0.04
78 T	n-propylbenzene	50.000	52.209	-4.4	97	-0.02
79 T	2-Chlorotoluene	50.000	54.243	-8.5	98	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	53.425	-6.8	96	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	51.699	-3.4	89	-0.03
82 T	4-Chlorotoluene	50.000	53.036	-6.1	100	-0.03
83 T	tert-Butylbenzene	50.000	53.881	-7.8	97	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	53.397	-6.8	98	-0.03
85 T	sec-Butylbenzene	50.000	52.283	-4.6	95	-0.02
86 T	p-Isopropyltoluene	50.000	54.196	-8.4	103	-0.03
87 T	1,3-Dichlorobenzene	50.000	53.123	-6.2	101	-0.03
88 T	1,4-Dichlorobenzene	50.000	51.723	-3.4	94	-0.03
89 T	n-Butylbenzene	50.000	53.965	-7.9	98	-0.03

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90 T	Hexachloroethane	50.000	53.437	-6.9	95	-0.02
91 T	1,2-Dichlorobenzene	50.000	51.743	-3.5	95	-0.03
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.141	-8.3	94	-0.03
93 T	1,2,4-Trichlorobenzene	50.000	53.093	-6.2	101	-0.02
94 T	Hexachlorobutadiene	50.000	53.013	-6.0	97	-0.02
95 T	Naphthalene	50.000	51.637	-3.3	89	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	54.649	-9.3	99	-0.02

(#) = Out of Range

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