

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF060419\
 Data File : VF062857.D
 Acq On : 4 Jun 2019 23:46
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 05 06:56:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	47.904	4.2	82	0.00
3 P	Chloromethane	50.000	46.223	7.6	85	0.00
4 C	Vinyl Chloride	50.000	46.512	7.0#	84	0.00
5 T	Bromomethane	50.000	51.849	-3.7	83	0.00
6 T	Chloroethane	50.000	50.201	-0.4	80	-0.03
7 T	Trichlorofluoromethane	50.000	53.621	-7.2	91	-0.02
8 T	Diethyl Ether	50.000	54.132	-8.3	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.120	-4.2	92	-0.04
10 T	Methyl Iodide	50.000	53.115	-6.2	94	-0.04
11 T	Tert butyl alcohol	250.000	283.372	-13.3	105	-0.03
12 CM	1,1-Dichloroethene	50.000	52.102	-4.2#	92	-0.02
13 T	Acrolein	250.000	265.500	-6.2	99	-0.02
14 T	Allyl chloride	50.000	61.702	-23.4	94	-0.02
15 T	Acrylonitrile	250.000	209.604	16.2	71	-0.02
16 T	Acetone	250.000	235.861	5.7	77	-0.02
17 T	Carbon Disulfide	50.000	49.591	0.8	87	-0.02
18 T	Methyl Acetate	50.000	51.224	-2.4	92	-0.02
19 T	Methyl tert-butyl Ether	50.000	55.405	-10.8	99	0.00
20 T	Methylene Chloride	50.000	60.000	-20.0	98	-0.03
21 T	trans-1,2-Dichloroethene	50.000	54.659	-9.3	89	-0.02
22 T	Diisopropyl ether	50.000	49.308	1.4	86	-0.02
23 T	Vinyl Acetate	250.000	266.041	-6.4	91	-0.02
24 P	1,1-Dichloroethane	50.000	52.684	-5.4	89	-0.02
25 T	2-Butanone	250.000	243.617	2.6	87	-0.03
26 T	2,2-Dichloropropane	50.000	55.939	-11.9	97	-0.02
27 T	cis-1,2-Dichloroethene	50.000	54.867	-9.7	92	-0.02
28 T	Bromochloromethane	50.000	56.581	-13.2	96	-0.03
29	Tetrahydrofuran	250.000	287.963	-15.2	100	-0.03
30 C	Chloroform	50.000	52.130	-4.3#	89	-0.03
31 T	Cyclohexane	50.000	49.205	1.6	83	-0.02
32 T	1,1,1-Trichloroethane	50.000	60.667	-21.3	115	-0.02
33 S	1,2-Dichloroethane-d4	50.000	52.229	-4.5	85	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	-0.03
35 S	Dibromofluoromethane	50.000	50.062	-0.1	88	-0.02
36 T	1,1-Dichloropropene	50.000	48.283	3.4	87	-0.03
37 T	Ethyl Acetate	50.000	53.276	-6.6	96	-0.03
38 T	Carbon Tetrachloride	50.000	54.948	-9.9	101	-0.02
39 T	Methylcyclohexane	50.000	50.035	-0.1	89	-0.02
40 TM	Benzene	50.000	48.943	2.1	84	-0.02
41 T	Methacrylonitrile	50.000	50.309	-0.6	94	-0.02
42 TM	1,2-Dichloroethane	50.000	51.270	-2.5	92	-0.02
43 T	Isopropyl Acetate	50.000	51.056	-2.1	95	-0.02
44 TM	Trichloroethene	50.000	49.600	0.8	90	-0.02
45 C	1,2-Dichloropropane	50.000	51.292	-2.6#	90	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.476	-5.0	96	-0.03
47 T	Bromodichloromethane	50.000	50.346	-0.7	91	-0.03
48 T	Methyl methacrylate	50.000	53.776	-7.6	91	-0.02
49 T	1,4-Dioxane	1000.000	1103.914	-10.4	107	-0.02
50 S	Toluene-d8	50.000	51.013	-2.0	89	-0.03
51 T	4-Methyl-2-Pentanone	250.000	272.162	-8.9	102	-0.02
52 CM	Toluene	50.000	50.753	-1.5#	91	-0.02
53 T	t-1,3-Dichloropropene	50.000	52.964	-5.9	93	-0.02
54 T	cis-1,3-Dichloropropene	50.000	50.429	-0.9	89	-0.02
55 T	1,1,2-Trichloroethane	50.000	54.539	-9.1	99	-0.02
56 T	Ethyl methacrylate	50.000	55.395	-10.8	99	-0.02
57 T	1,3-Dichloropropane	50.000	55.570	-11.1	98	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	282.568	-13.0	103	-0.02
59 T	2-Hexanone	250.000	261.610	-4.6	99	-0.02
60 T	Dibromochloromethane	50.000	56.034	-12.1	96	-0.02
61 T	1,2-Dibromoethane	50.000	55.700	-11.4	98	-0.02
62 S	4-Bromofluorobenzene	50.000	53.972	-7.9	95	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	-0.03
64 T	Tetrachloroethene	50.000	52.008	-4.0	95	-0.02
65 PM	Chlorobenzene	50.000	50.168	-0.3	95	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	49.884	0.2	96	-0.02
67 C	Ethyl Benzene	50.000	49.475	1.0#	95	-0.02
68 T	m/p-Xylenes	100.000	96.827	3.2	92	-0.02
69 T	o-Xylene	50.000	52.551	-5.1	96	-0.02
70 T	Styrene	50.000	51.820	-3.6	96	-0.02
71 P	Bromoform	50.000	55.480	-11.0	102	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	-0.02
73 T	Isopropylbenzene	50.000	51.794	-3.6	98	-0.02
74 T	N-amyl acetate	50.000	49.853	0.3	102	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.982	-4.0	100	-0.02
76 T	1,2,3-Trichloropropane	50.000	51.236	-2.5	102	-0.02
77 T	Bromobenzene	50.000	50.293	-0.6	99	-0.02
78 T	n-propylbenzene	50.000	48.203	3.6	92	-0.02
79 T	2-Chlorotoluene	50.000	48.004	4.0	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.170	3.7	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.195	-8.4	101	-0.02
82 T	4-Chlorotoluene	50.000	49.853	0.3	96	-0.02
83 T	tert-Butylbenzene	50.000	48.590	2.8	94	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	48.995	2.0	94	0.00
85 T	sec-Butylbenzene	50.000	49.358	1.3	91	0.00
86 T	p-Isopropyltoluene	50.000	47.908	4.2	93	-0.02
87 T	1,3-Dichlorobenzene	50.000	48.532	2.9	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.749	0.5	98	0.00
89 T	n-Butylbenzene	50.000	46.323	7.4	92	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.296	-0.6	92	-0.02
91 T	1,2-Dichlorobenzene	50.000	50.608	-1.2	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.567	-13.1	108	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	47.263	5.5	90	-0.02
94 T	Hexachlorobutadiene	50.000	45.933	8.1	85	-0.02
95 T	Naphthalene	50.000	51.608	-3.2	98	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	49.761	0.5	96	0.00

(#) = Out of Range

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