

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062093.D
 Acq On : 22 Mar 2019 22:10
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 23 06:42:35 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	-0.01
2 T	Dichlorodifluoromethane	50.000	47.238	5.5	86	0.00
3 P	Chloromethane	50.000	46.123	7.8	83	0.00
4 C	Vinyl Chloride	50.000	46.442	7.1#	83	0.00
5 T	Bromomethane	50.000	50.805	-1.6	93	0.00
6 T	Chloroethane	50.000	50.100	-0.2	90	-0.01
7 T	Trichlorofluoromethane	50.000	49.960	0.1	87	0.00
8 T	Diethyl Ether	50.000	50.742	-1.5	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.894	0.2	88	-0.01
10 T	Methyl Iodide	50.000	50.963	-1.9	91	0.00
11 T	Tert butyl alcohol	250.000	227.606	9.0	79	-0.01
12 CM	1,1-Dichloroethene	50.000	48.937	2.1#	88	-0.01
13 T	Acrolein	250.000	213.715	14.5	73	0.00
14 T	Allyl chloride	50.000	50.172	-0.3	89	-0.01
15 T	Acrylonitrile	250.000	243.636	2.5	89	-0.01
16 T	Acetone	250.000	227.554	9.0	69	0.00
17 T	Carbon Disulfide	50.000	48.867	2.3	85	0.00
18 T	Methyl Acetate	50.000	41.998	16.0	83	0.00
19 T	Methyl tert-butyl Ether	50.000	50.148	-0.3	90	0.00
20 T	Methylene Chloride	50.000	51.020	-2.0	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.772	-5.5	93	-0.01
22 T	Diisopropyl ether	50.000	51.965	-3.9	96	-0.01
23 T	Vinyl Acetate	250.000	259.082	-3.6	92	0.00
24 P	1,1-Dichloroethane	50.000	49.661	0.7	92	-0.01
25 T	2-Butanone	250.000	226.090	9.6	76	0.00
26 T	2,2-Dichloropropane	50.000	48.456	3.1	84	-0.01
27 T	cis-1,2-Dichloroethene	50.000	47.812	4.4	89	-0.01
28 T	Bromochloromethane	50.000	51.834	-3.7	88	-0.01
29	Tetrahydrofuran	250.000	233.391	6.6	87	-0.01
30 C	Chloroform	50.000	52.909	-5.8#	97	-0.01
31 T	Cyclohexane	50.000	48.306	3.4	87	-0.01
32 T	1,1,1-Trichloroethane	50.000	53.976	-8.0	99	-0.01
33 S	1,2-Dichloroethane-d4	50.000	51.148	-2.3	85	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	-0.01
35 S	Dibromofluoromethane	50.000	51.072	-2.1	88	-0.01
36 T	1,1-Dichloropropene	50.000	50.254	-0.5	93	-0.01
37 T	Ethyl Acetate	50.000	44.300	11.4	84	0.00
38 T	Carbon Tetrachloride	50.000	48.146	3.7	88	0.00
39 T	Methylcyclohexane	50.000	50.888	-1.8	88	-0.01
40 TM	Benzene	50.000	51.015	-2.0	94	-0.01
41 T	Methacrylonitrile	50.000	47.854	4.3	87	-0.01
42 TM	1,2-Dichloroethane	50.000	51.951	-3.9	95	-0.01
43 T	Isopropyl Acetate	50.000	46.660	6.7	87	-0.01
44 TM	Trichloroethene	50.000	49.549	0.9	91	-0.01
45 C	1,2-Dichloropropane	50.000	48.011	4.0#	89	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.787	2.4	90	-0.01
47 T	Bromodichloromethane	50.000	51.369	-2.7	95	-0.01
48 T	Methyl methacrylate	50.000	50.026	-0.1	92	-0.01
49 T	1,4-Dioxane	1000.000	962.511	3.7	79	-0.01
50 S	Toluene-d8	50.000	51.386	-2.8	85	-0.01
51 T	4-Methyl-2-Pentanone	250.000	238.376	4.6	89	-0.01
52 CM	Toluene	50.000	50.562	-1.1#	94	-0.01
53 T	t-1,3-Dichloropropene	50.000	50.878	-1.8	95	-0.01
54 T	cis-1,3-Dichloropropene	50.000	51.098	-2.2	94	-0.01
55 T	1,1,2-Trichloroethane	50.000	50.283	-0.6	90	-0.01
56 T	Ethyl methacrylate	50.000	50.418	-0.8	89	-0.01
57 T	1,3-Dichloropropane	50.000	50.339	-0.7	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.793	-3.9	89	0.00
59 T	2-Hexanone	250.000	227.368	9.1	77	-0.01
60 T	Dibromochloromethane	50.000	51.577	-3.2	92	0.00
61 T	1,2-Dibromoethane	50.000	49.382	1.2	85	-0.01
62 S	4-Bromofluorobenzene	50.000	51.369	-2.7	90	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	-0.01
64 T	Tetrachloroethene	50.000	52.868	-5.7	94	0.00
65 PM	Chlorobenzene	50.000	51.994	-4.0	91	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	52.678	-5.4	92	-0.01
67 C	Ethyl Benzene	50.000	52.933	-5.9#	94	0.00
68 T	m/p-Xylenes	100.000	104.436	-4.4	93	-0.01
69 T	o-Xylene	50.000	52.593	-5.2	87	0.00
70 T	Styrene	50.000	51.974	-3.9	96	-0.01
71 P	Bromoform	50.000	49.902	0.2	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	53.848	-7.7	95	-0.01
74 T	N-amyl acetate	50.000	53.824	-7.6	92	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.491	1.0	85	-0.01
76 T	1,2,3-Trichloropropane	50.000	49.156	1.7	90	-0.01
77 T	Bromobenzene	50.000	51.034	-2.1	93	-0.01
78 T	n-propylbenzene	50.000	50.439	-0.9	91	0.00
79 T	2-Chlorotoluene	50.000	52.478	-5.0	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.542	-3.1	90	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	53.851	-7.7	90	0.00
82 T	4-Chlorotoluene	50.000	51.089	-2.2	93	0.00
83 T	tert-Butylbenzene	50.000	54.752	-9.5	95	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	52.599	-5.2	94	0.00
85 T	sec-Butylbenzene	50.000	51.194	-2.4	90	0.00
86 T	p-Isopropyltoluene	50.000	53.312	-6.6	98	0.00
87 T	1,3-Dichlorobenzene	50.000	50.908	-1.8	94	-0.01
88 T	1,4-Dichlorobenzene	50.000	50.629	-1.3	89	-0.01
89 T	n-Butylbenzene	50.000	51.538	-3.1	91	-0.01

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90 T	Hexachloroethane	50.000	52.825	-5.7	91	0.00
91 T	1,2-Dichlorobenzene	50.000	49.640	0.7	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.636	-3.3	87	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	50.373	-0.7	93	0.00
94 T	Hexachlorobutadiene	50.000	52.946	-5.9	93	0.00
95 T	Naphthalene	50.000	53.482	-7.0	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.713	-3.4	91	0.00

(#) = Out of Range

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