

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF043019\
 Data File : VF062331.D
 Acq On : 30 Apr 2019 13:23
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 07:47:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	73	-0.02
2 T	Dichlorodifluoromethane	50.000	47.335	5.3	78	0.00
3 P	Chloromethane	50.000	40.641	18.7	67	0.00
4 C	Vinyl Chloride	50.000	41.531	16.9#	69	0.00
5 T	Bromomethane	50.000	50.165	-0.3	78	0.00
6 T	Chloroethane	50.000	50.600	-1.2	77	-0.01
7 T	Trichlorofluoromethane	50.000	55.224	-10.4	88	0.00
8 T	Diethyl Ether	50.000	42.394	15.2	75	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.639	-3.3	85	-0.01
10 T	Methyl Iodide	50.000	48.586	2.8	79	-0.01
11 T	Tert butyl alcohol	250.000	251.001	-0.4	79	-0.02
12 CM	1,1-Dichloroethene	50.000	46.242	7.5#	72	-0.01
13 T	Acrolein	250.000	248.132	0.7	71	0.00
14 T	Allyl chloride	50.000	51.172	-2.3	86	0.00
15 T	Acrylonitrile	250.000	203.890	18.4	61	0.00
16 T	Acetone	250.000	306.903	-22.8#	97	0.00
17 T	Carbon Disulfide	50.000	43.149	13.7	70	0.00
18 T	Methyl Acetate	50.000	51.453	-2.9	84	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.269	-0.5	76	-0.01
20 T	Methylene Chloride	50.000	48.686	2.6	77	-0.01
21 T	trans-1,2-Dichloroethene	50.000	45.343	9.3	75	0.00
22 T	Diisopropyl ether	50.000	47.164	5.7	78	-0.01
23 T	Vinyl Acetate	250.000	235.069	6.0	75	-0.01
24 P	1,1-Dichloroethane	50.000	51.100	-2.2	83	-0.01
25 T	2-Butanone	250.000	227.848	8.9	75	-0.02
26 T	2,2-Dichloropropane	50.000	52.615	-5.2	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.142	7.7	74	-0.01
28 T	Bromochloromethane	50.000	42.609	14.8	64	-0.01
29 T	Tetrahydrofuran	250.000	212.871	14.9	68	-0.02
30 C	Chloroform	50.000	50.361	-0.7#	80	0.00
31 T	Cyclohexane	50.000	41.925	16.2	66	-0.02
32 T	1,1,1-Trichloroethane	50.000	56.809	-13.6	89	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.959	-1.9	75	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	73	-0.01
35 S	Dibromofluoromethane	50.000	49.783	0.4	71	-0.01
36 T	1,1-Dichloropropene	50.000	48.571	2.9	75	-0.02
37 T	Ethyl Acetate	50.000	44.933	10.1	73	-0.02
38 T	Carbon Tetrachloride	50.000	54.505	-9.0	92	-0.01
39 T	Methylcyclohexane	50.000	43.475	13.0	67	-0.01
40 TM	Benzene	50.000	44.150	11.7	71	-0.01
41 T	Methacrylonitrile	50.000	43.897	12.2	67	-0.01
42 TM	1,2-Dichloroethane	50.000	56.956	-13.9	89	-0.01
43 T	Isopropyl Acetate	50.000	47.268	5.5	78	-0.01
44 TM	Trichloroethene	50.000	47.634	4.7	76	-0.01
45 C	1,2-Dichloropropane	50.000	46.159	7.7#	76	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.261	-4.5	82	-0.01
47 T	Bromodichloromethane	50.000	55.987	-12.0	89	-0.02
48 T	Methyl methacrylate	50.000	49.206	1.6	83	-0.01
49 T	1,4-Dioxane	1000.000	819.973	18.0	68	-0.02
50 S	Toluene-d8	50.000	49.341	1.3	72	-0.01
51 T	4-Methyl-2-Pentanone	250.000	234.045	6.4	78	-0.01
52 CM	Toluene	50.000	48.905	2.2#	80	-0.01
53 T	t-1,3-Dichloropropene	50.000	53.818	-7.6	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.664	-3.3	82	-0.02
55 T	1,1,2-Trichloroethane	50.000	51.863	-3.7	84	-0.01
56 T	Ethyl methacrylate	50.000	46.105	7.8	76	-0.01
57 T	1,3-Dichloropropane	50.000	48.699	2.6	80	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	220.010	12.0	66	0.00
59 T	2-Hexanone	250.000	266.659	-6.7	85	-0.01
60 T	Dibromochloromethane	50.000	53.143	-6.3	84	0.00
61 T	1,2-Dibromoethane	50.000	51.220	-2.4	81	-0.01
62 S	4-Bromofluorobenzene	50.000	51.441	-2.9	80	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	-0.01
64 T	Tetrachloroethene	50.000	51.047	-2.1	88	-0.01
65 PM	Chlorobenzene	50.000	49.597	0.8	87	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.737	-3.5	88	0.00
67 C	Ethyl Benzene	50.000	49.644	0.7#	88	-0.01
68 T	m/p-Xylenes	100.000	101.064	-1.1	89	0.00
69 T	o-Xylene	50.000	49.437	1.1	85	-0.01
70 T	Styrene	50.000	49.794	0.4	88	0.00
71 P	Bromoform	50.000	51.601	-3.2	87	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	-0.01
73 T	Isopropylbenzene	50.000	50.502	-1.0	87	0.00
74 T	N-amyl acetate	50.000	41.335	17.3	82	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.377	1.2	83	0.00
76 T	1,2,3-Trichloropropane	50.000	50.751	-1.5	90	0.00
77 T	Bromobenzene	50.000	49.061	1.9	86	0.00
78 T	n-propylbenzene	50.000	49.798	0.4	89	-0.01
79 T	2-Chlorotoluene	50.000	51.163	-2.3	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.791	0.4	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.417	9.2	92	-0.01
82 T	4-Chlorotoluene	50.000	50.541	-1.1	89	-0.02
83 T	tert-Butylbenzene	50.000	51.545	-3.1	92	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.661	0.7	91	0.00
85 T	sec-Butylbenzene	50.000	50.678	-1.4	89	0.00
86 T	p-Isopropyltoluene	50.000	47.194	5.6	86	0.00
87 T	1,3-Dichlorobenzene	50.000	57.214	-14.4	108	0.00
88 T	1,4-Dichlorobenzene	50.000	49.555	0.9	90	0.00
89 T	n-Butylbenzene	50.000	49.313	1.4	92	-0.02

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90 T	Hexachloroethane	50.000	52.823	-5.6	90	0.00
91 T	1,2-Dichlorobenzene	50.000	50.078	-0.2	93	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.768	-7.5	93	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.405	-6.8	96	-0.01
94 T	Hexachlorobutadiene	50.000	56.028	-12.1	98	-0.01
95 T	Naphthalene	50.000	49.584	0.8	86	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	53.599	-7.2	95	0.00

(#) = Out of Range

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