

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052219\
 Data File : VF062697.D
 Acq On : 22 May 2019 10:23
 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 23 01:44:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 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	103	-0.03
2 T	Dichlorodifluoromethane	50.000	46.565	6.9	95	0.00
3 P	Chloromethane	50.000	45.648	8.7	88	0.00
4 C	Vinyl Chloride	50.000	47.943	4.1#	89	0.00
5 T	Bromomethane	50.000	55.030	-10.1	105	-0.01
6 T	Chloroethane	50.000	53.705	-7.4	94	0.00
7 T	Trichlorofluoromethane	50.000	54.924	-9.8	102	0.00
8 T	Diethyl Ether	50.000	53.790	-7.6	113	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.162	-4.3	99	-0.01
10 T	Methyl Iodide	50.000	54.277	-8.6	103	0.00
11 T	Tert butyl alcohol	250.000	246.687	1.3	100	-0.02
12 CM	1,1-Dichloroethene	50.000	53.859	-7.7#	102	-0.01
13 T	Acrolein	250.000	204.577	18.2	76	-0.02
14 T	Allyl chloride	50.000	61.261	-22.5	113	-0.01
15 T	Acrylonitrile	250.000	285.474	-14.2	122	-0.02
16 T	Acetone	250.000	280.986	-12.4	104	-0.02
17 T	Carbon Disulfide	50.000	50.586	-1.2	93	-0.01
18 T	Methyl Acetate	50.000	44.235	11.5	92	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.794	-5.6	100	-0.02
20 T	Methylene Chloride	50.000	54.254	-8.5	111	-0.01
21 T	trans-1,2-Dichloroethene	50.000	56.084	-12.2	107	-0.01
22 T	Diisopropyl ether	50.000	49.753	0.5	100	-0.02
23 T	Vinyl Acetate	250.000	250.305	-0.1	97	-0.02
24 P	1,1-Dichloroethane	50.000	55.772	-11.5	107	-0.02
25 T	2-Butanone	250.000	258.092	-3.2	97	-0.03
26 T	2,2-Dichloropropane	50.000	60.449	-20.9	116	-0.03
27 T	cis-1,2-Dichloroethene	50.000	56.559	-13.1	110	-0.02
28 T	Bromochloromethane	50.000	46.431	7.1	104	-0.03
29	Tetrahydrofuran	250.000	244.633	2.1	101	-0.03
30 C	Chloroform	50.000	55.877	-11.8#	107	-0.02
31 T	Cyclohexane	50.000	51.721	-3.4	98	-0.02
32 T	1,1,1-Trichloroethane	50.000	55.854	-11.7	104	-0.02
33 S	1,2-Dichloroethane-d4	50.000	48.614	2.8	103	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	115	-0.03
35 S	Dibromofluoromethane	50.000	46.396	7.2	108	-0.03
36 T	1,1-Dichloropropene	50.000	49.511	1.0	103	-0.03
37 T	Ethyl Acetate	50.000	41.738	16.5	97	-0.02
38 T	Carbon Tetrachloride	50.000	47.829	4.3	90	-0.03
39 T	Methylcyclohexane	50.000	49.422	1.2	101	-0.03
40 TM	Benzene	50.000	51.459	-2.9	111	-0.02
41 T	Methacrylonitrile	50.000	45.264	9.5	97	-0.02
42 TM	1,2-Dichloroethane	50.000	50.079	-0.2	103	-0.02
43 T	Isopropyl Acetate	50.000	37.656	24.7	87	-0.02
44 TM	Trichloroethene	50.000	50.760	-1.5	107	-0.02
45 C	1,2-Dichloropropane	50.000	48.569	2.9#	101	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.545	-3.1	111	-0.02
47 T	Bromodichloromethane	50.000	50.581	-1.2	106	-0.03
48 T	Methyl methacrylate	50.000	40.887	18.2	87	-0.03
49 T	1,4-Dioxane	1000.000	922.059	7.8	99	-0.03
50 S	Toluene-d8	50.000	43.844	12.3	102	-0.02
51 T	4-Methyl-2-Pentanone	250.000	201.253	19.5	95	-0.02
52 CM	Toluene	50.000	47.895	4.2#	104	-0.02
53 T	t-1,3-Dichloropropene	50.000	47.628	4.7	100	-0.02
54 T	cis-1,3-Dichloropropene	50.000	50.030	-0.1	107	-0.03
55 T	1,1,2-Trichloroethane	50.000	47.396	5.2	106	-0.03
56 T	Ethyl methacrylate	50.000	40.513	19.0	96	-0.02
57 T	1,3-Dichloropropane	50.000	47.274	5.5	103	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	205.627	17.7	90	-0.02
59 T	2-Hexanone	250.000	223.514	10.6	95	-0.02
60 T	Dibromochloromethane	50.000	51.323	-2.6	109	-0.03
61 T	1,2-Dibromoethane	50.000	46.758	6.5	103	-0.02
62 S	4-Bromofluorobenzene	50.000	41.320	17.4	98	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	-0.02
64 T	Tetrachloroethene	50.000	53.934	-7.9	108	-0.02
65 PM	Chlorobenzene	50.000	51.493	-3.0	100	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	54.833	-9.7	105	-0.03
67 C	Ethyl Benzene	50.000	51.307	-2.6#	102	-0.02
68 T	m/p-Xylenes	100.000	102.554	-2.6	98	-0.03
69 T	o-Xylene	50.000	51.991	-4.0	102	-0.02
70 T	Styrene	50.000	49.036	1.9	97	-0.01
71 P	Bromoform	50.000	54.411	-8.8	112	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	-0.02
73 T	Isopropylbenzene	50.000	53.565	-7.1	103	-0.02
74 T	N-amyl acetate	50.000	48.227	3.5	90	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.875	-3.8	99	-0.01
76 T	1,2,3-Trichloropropane	50.000	48.977	2.0	92	-0.02
77 T	Bromobenzene	50.000	52.737	-5.5	96	-0.01
78 T	n-propylbenzene	50.000	51.215	-2.4	95	-0.02
79 T	2-Chlorotoluene	50.000	53.453	-6.9	102	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.842	-7.7	101	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	50.832	-1.7	93	-0.02
82 T	4-Chlorotoluene	50.000	51.862	-3.7	95	-0.02
83 T	tert-Butylbenzene	50.000	53.665	-7.3	98	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	53.040	-6.1	100	-0.01
85 T	sec-Butylbenzene	50.000	52.960	-5.9	100	-0.01
86 T	p-Isopropyltoluene	50.000	53.250	-6.5	100	-0.01
87 T	1,3-Dichlorobenzene	50.000	51.916	-3.8	97	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.169	-2.3	96	-0.01
89 T	n-Butylbenzene	50.000	52.674	-5.3	100	-0.02

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90 T	Hexachloroethane	50.000	59.127	-18.3	104	-0.01
91 T	1,2-Dichlorobenzene	50.000	54.422	-8.8	102	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.793	-9.6	104	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.178	-6.4	102	-0.02
94 T	Hexachlorobutadiene	50.000	54.915	-9.8	103	-0.02
95 T	Naphthalene	50.000	47.735	4.5	95	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	53.429	-6.9	100	-0.01

(#) = Out of Range

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