

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF111218\
 Data File : VF060689.D
 Acq On : 12 Nov 2018 14:14
 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: Nov 13 04:27:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 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	84	-0.02
2 T	Dichlorodifluoromethane	50.000	59.308	-18.6	101	0.00
3 P	Chloromethane	50.000	52.756	-5.5	97	0.00
4 C	Vinyl Chloride	50.000	53.070	-6.1#	92	0.00
5 T	Bromomethane	50.000	58.595	-17.2	99	0.00
6 T	Chloroethane	50.000	64.175	-28.3#	95	0.00
7 T	Trichlorofluoromethane	50.000	62.177	-24.4	107	0.00
8 T	Diethyl Ether	50.000	42.727	14.5	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.047	-4.1	91	0.00
10 T	Methyl Iodide	50.000	54.488	-9.0	93	-0.02
11 T	Tert butyl alcohol	250.000	215.940	13.6	76	-0.02
12 CM	1,1-Dichloroethene	50.000	50.307	-0.6#	88	0.00
13 T	Acrolein	250.000	175.539	29.8#	63	0.00
14 T	Allyl chloride	50.000	59.996	-20.0	95	0.00
15 T	Acrylonitrile	250.000	210.767	15.7	74	-0.02
16 T	Acetone	250.000	257.804	-3.1	94	0.00
17 T	Carbon Disulfide	50.000	48.338	3.3	85	-0.02
18 T	Methyl Acetate	50.000	55.823	-11.6	99	0.00
19 T	Methyl tert-butyl Ether	50.000	53.449	-6.9	99	-0.02
20 T	Methylene Chloride	50.000	56.050	-12.1	91	-0.07
21 T	trans-1,2-Dichloroethene	50.000	55.720	-11.4	96	0.00
22 T	Diisopropyl ether	50.000	50.839	-1.7	88	-0.02
23 T	Vinyl Acetate	250.000	191.652	23.3	69	-0.02
24 P	1,1-Dichloroethane	50.000	57.629	-15.3	94	0.00
25 T	2-Butanone	250.000	202.914	18.8	70	-0.03
26 T	2,2-Dichloropropane	50.000	57.750	-15.5	101	-0.02
27 T	cis-1,2-Dichloroethene	50.000	47.196	5.6	80	-0.02
28 T	Bromochloromethane	50.000	52.068	-4.1	87	-0.02
29	Tetrahydrofuran	250.000	193.707	22.5	69	-0.03
30 C	Chloroform	50.000	53.127	-6.3#	89	0.00
31 T	Cyclohexane	50.000	44.703	10.6	77	0.00
32 T	1,1,1-Trichloroethane	50.000	61.413	-22.8	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.593	-13.2	92	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	-0.02
35 S	Dibromofluoromethane	50.000	50.543	-1.1	85	-0.02
36 T	1,1-Dichloropropene	50.000	48.478	3.0	86	-0.02
37 T	Ethyl Acetate	50.000	35.183	29.6#	66	-0.02
38 T	Carbon Tetrachloride	50.000	53.503	-7.0	98	-0.02
39 T	Methylcyclohexane	50.000	47.954	4.1	82	0.00
40 TM	Benzene	50.000	45.659	8.7	80	-0.02
41 T	Methacrylonitrile	50.000	38.252	23.5	71	-0.03
42 TM	1,2-Dichloroethane	50.000	52.559	-5.1	92	-0.03
43 T	Isopropyl Acetate	50.000	37.674	24.7	75	-0.02
44 TM	Trichloroethene	50.000	46.901	6.2	81	0.00
45 C	1,2-Dichloropropane	50.000	46.107	7.8#	84	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.225	1.5	88	-0.02
47 T	Bromodichloromethane	50.000	52.214	-4.4	94	-0.02
48 T	Methyl methacrylate	50.000	42.987	14.0	83	-0.02
49 T	1,4-Dioxane	1000.000	741.011	25.9#	70	-0.02
50 S	Toluene-d8	50.000	49.184	1.6	87	-0.02
51 T	4-Methyl-2-Pentanone	250.000	200.703	19.7	78	-0.02
52 CM	Toluene	50.000	45.857	8.3#	84	-0.02
53 T	t-1,3-Dichloropropene	50.000	46.631	6.7	87	-0.02
54 T	cis-1,3-Dichloropropene	50.000	48.228	3.5	85	-0.02
55 T	1,1,2-Trichloroethane	50.000	46.086	7.8	89	-0.02
56 T	Ethyl methacrylate	50.000	41.241	17.5	83	-0.02
57 T	1,3-Dichloropropane	50.000	44.799	10.4	86	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	290.801	-16.3	96	-0.02
59 T	2-Hexanone	250.000	215.092	14.0	79	-0.02
60 T	Dibromochloromethane	50.000	48.897	2.2	88	-0.02
61 T	1,2-Dibromoethane	50.000	45.807	8.4	85	-0.02
62 S	4-Bromofluorobenzene	50.000	51.006	-2.0	90	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	-0.02
64 T	Tetrachloroethene	50.000	48.582	2.8	87	-0.02
65 PM	Chlorobenzene	50.000	48.643	2.7	90	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	49.960	0.1	92	-0.02
67 C	Ethyl Benzene	50.000	50.606	-1.2#	92	-0.02
68 T	m/p-Xylenes	100.000	96.591	3.4	92	-0.02
69 T	o-Xylene	50.000	49.158	1.7	90	-0.02
70 T	Styrene	50.000	46.067	7.9	87	-0.02
71 P	Bromoform	50.000	45.840	8.3	86	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	48.738	2.5	95	-0.02
74 T	N-amyl acetate	50.000	38.148	23.7	76	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	42.484	15.0	84	-0.02
76 T	1,2,3-Trichloropropane	50.000	41.936	16.1	86	0.00
77 T	Bromobenzene	50.000	45.351	9.3	91	0.00
78 T	n-propylbenzene	50.000	47.028	5.9	96	0.00
79 T	2-Chlorotoluene	50.000	48.591	2.8	96	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	46.797	6.4	94	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	42.550	14.9	89	0.00
82 T	4-Chlorotoluene	50.000	46.800	6.4	97	0.00
83 T	tert-Butylbenzene	50.000	48.927	2.1	96	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	47.405	5.2	95	0.00
85 T	sec-Butylbenzene	50.000	48.074	3.9	95	0.00
86 T	p-Isopropyltoluene	50.000	46.839	6.3	92	0.00
87 T	1,3-Dichlorobenzene	50.000	46.399	7.2	94	-0.02
88 T	1,4-Dichlorobenzene	50.000	48.406	3.2	95	-0.02
89 T	n-Butylbenzene	50.000	49.659	0.7	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.237	3.5	92	-0.02
91 T	1,2-Dichlorobenzene	50.000	45.485	9.0	90	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.035	11.9	85	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	49.046	1.9	97	-0.02
94 T	Hexachlorobutadiene	50.000	52.426	-4.9	102	-0.02
95 T	Naphthalene	50.000	44.759	10.5	90	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	48.221	3.6	93	-0.02

(#) = Out of Range

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