

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF121818\
 Data File : VF061056.D
 Acq On : 18 Dec 2018 11:45
 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: Dec 19 01:13:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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	-0.04
2 T	Dichlorodifluoromethane	50.000	40.452	19.1	68	-0.01
3 P	Chloromethane	50.000	44.211	11.6	83	0.00
4 C	Vinyl Chloride	50.000	47.212	5.6#	81	-0.01
5 T	Bromomethane	50.000	46.235	7.5	75	0.00
6 T	Chloroethane	50.000	52.997	-6.0	85	0.00
7 T	Trichlorofluoromethane	50.000	49.776	0.4	81	0.00
8 T	Diethyl Ether	50.000	54.193	-8.4	91	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.436	-0.9	84	0.00
10 T	Methyl Iodide	50.000	51.745	-3.5	86	0.00
11 T	Tert butyl alcohol	250.000	302.739	-21.1	96	-0.01
12 CM	1,1-Dichloroethene	50.000	44.822	10.4#	76	-0.01
13 T	Acrolein	250.000	247.862	0.9	76	-0.02
14 T	Allyl chloride	50.000	44.350	11.3	66	-0.02
15 T	Acrylonitrile	250.000	294.917	-18.0	99	-0.02
16 T	Acetone	250.000	331.215	-32.5#	108	-0.02
17 T	Carbon Disulfide	50.000	38.211	23.6	66	-0.01
18 T	Methyl Acetate	50.000	63.229	-26.5#	107	-0.02
19 T	Methyl tert-butyl Ether	50.000	55.069	-10.1	91	-0.02
20 T	Methylene Chloride	50.000	47.512	5.0	84	-0.01
21 T	trans-1,2-Dichloroethene	50.000	39.971	20.1	66	-0.03
22 T	Diisopropyl ether	50.000	55.473	-10.9	91	-0.03
23 T	Vinyl Acetate	250.000	287.843	-15.1	94	-0.02
24 P	1,1-Dichloroethane	50.000	54.799	-9.6	87	-0.03
25 T	2-Butanone	250.000	295.381	-18.2	97	-0.03
26 T	2,2-Dichloropropane	50.000	50.813	-1.6	82	-0.04
27 T	cis-1,2-Dichloroethene	50.000	52.837	-5.7	88	-0.03
28 T	Bromochloromethane	50.000	52.379	-4.8	92	-0.04
29	Tetrahydrofuran	250.000	266.633	-6.7	92	-0.03
30 C	Chloroform	50.000	52.155	-4.3#	88	-0.03
31 T	Cyclohexane	50.000	44.131	11.7	77	-0.03
32 T	1,1,1-Trichloroethane	50.000	45.933	8.1	71	-0.03
33 S	1,2-Dichloroethane-d4	50.000	52.586	-5.2	84	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	-0.04
35 S	Dibromofluoromethane	50.000	48.517	3.0	88	-0.03
36 T	1,1-Dichloropropene	50.000	44.816	10.4	82	-0.04
37 T	Ethyl Acetate	50.000	48.312	3.4	90	-0.03
38 T	Carbon Tetrachloride	50.000	43.797	12.4	74	-0.03
39 T	Methylcyclohexane	50.000	39.174	21.7	72	-0.04
40 TM	Benzene	50.000	44.809	10.4	84	-0.04
41 T	Methacrylonitrile	50.000	55.619	-11.2	100	-0.03
42 TM	1,2-Dichloroethane	50.000	50.618	-1.2	88	-0.03
43 T	Isopropyl Acetate	50.000	52.562	-5.1	91	-0.03
44 TM	Trichloroethene	50.000	43.670	12.7	82	-0.04
45 C	1,2-Dichloropropane	50.000	52.392	-4.8#	91	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.135	-0.3	89	-0.03
47 T	Bromodichloromethane	50.000	50.670	-1.3	90	-0.03
48 T	Methyl methacrylate	50.000	49.709	0.6	90	-0.04
49 T	1,4-Dioxane	1000.000	908.602	9.1	75	-0.03
50 S	Toluene-d8	50.000	45.548	8.9	83	-0.04
51 T	4-Methyl-2-Pentanone	250.000	245.614	1.8	94	-0.03
52 CM	Toluene	50.000	43.377	13.2#	86	-0.03
53 T	t-1,3-Dichloropropene	50.000	48.734	2.5	90	-0.03
54 T	cis-1,3-Dichloropropene	50.000	48.447	3.1	86	-0.03
55 T	1,1,2-Trichloroethane	50.000	48.316	3.4	89	-0.04
56 T	Ethyl methacrylate	50.000	47.751	4.5	82	-0.02
57 T	1,3-Dichloropropane	50.000	50.922	-1.8	90	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	444.560	-77.8#	170	-0.04
59 T	2-Hexanone	250.000	268.957	-7.6	102	-0.03
60 T	Dibromochloromethane	50.000	50.380	-0.8	90	-0.03
61 T	1,2-Dibromoethane	50.000	48.413	3.2	88	-0.03
62 S	4-Bromofluorobenzene	50.000	49.357	1.3	91	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	-0.03
64 T	Tetrachloroethene	50.000	46.165	7.7	81	-0.03
65 PM	Chlorobenzene	50.000	49.579	0.8	79	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	48.617	2.8	81	-0.04
67 C	Ethyl Benzene	50.000	49.257	1.5#	81	-0.03
68 T	m/p-Xylenes	100.000	97.722	2.3	85	-0.03
69 T	o-Xylene	50.000	50.086	-0.2	85	-0.03
70 T	Styrene	50.000	50.398	-0.8	85	-0.03
71 P	Bromoform	50.000	51.823	-3.6	86	-0.03
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	-0.02
73 T	Isopropylbenzene	50.000	52.195	-4.4	90	-0.03
74 T	N-amyl acetate	50.000	53.666	-7.3	93	-0.03
75 P	1,1,2,2-Tetrachloroethane	50.000	55.056	-10.1	94	-0.03
76 T	1,2,3-Trichloropropane	50.000	53.510	-7.0	92	-0.03
77 T	Bromobenzene	50.000	49.978	0.0	83	-0.03
78 T	n-propylbenzene	50.000	50.472	-0.9	88	-0.02
79 T	2-Chlorotoluene	50.000	51.842	-3.7	90	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	49.365	1.3	85	-0.03
81 T	trans-1,4-Dichloro-2-butene	50.000	54.029	-8.1	95	-0.02
82 T	4-Chlorotoluene	50.000	49.674	0.7	89	-0.02
83 T	tert-Butylbenzene	50.000	52.799	-5.6	93	-0.03
84 T	1,2,4-Trimethylbenzene	50.000	48.287	3.4	81	-0.02
85 T	sec-Butylbenzene	50.000	49.783	0.4	87	-0.02
86 T	p-Isopropyltoluene	50.000	49.314	1.4	89	-0.02
87 T	1,3-Dichlorobenzene	50.000	47.607	4.8	84	-0.03
88 T	1,4-Dichlorobenzene	50.000	49.441	1.1	87	-0.03
89 T	n-Butylbenzene	50.000	49.657	0.7	86	-0.02

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90 T	Hexachloroethane	50.000	50.063	-0.1	84	-0.02
91 T	1,2-Dichlorobenzene	50.000	47.933	4.1	82	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.149	-8.3	93	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	48.677	2.6	84	-0.02
94 T	Hexachlorobutadiene	50.000	48.856	2.3	86	-0.02
95 T	Naphthalene	50.000	49.757	0.5	84	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	51.795	-3.6	89	-0.02

(#) = Out of Range

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