

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF082418\
 Data File : VF060095.D
 Acq On : 24 Aug 2018 12:39
 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: Aug 25 04:19:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 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	74	0.00
2 T	Dichlorodifluoromethane	50.000	55.039	-10.1	87	0.00
3 P	Chloromethane	50.000	52.493	-5.0	77	0.00
4 C	Vinyl Chloride	50.000	47.666	4.7#	74	0.00
5 T	Bromomethane	50.000	40.449	19.1	62	0.00
6 T	Chloroethane	50.000	53.784	-7.6	83	0.00
7 T	Trichlorofluoromethane	50.000	71.008	-42.0#	101	0.00
8 T	Diethyl Ether	50.000	46.545	6.9	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.174	-14.3	84	0.00
10 T	Methyl Iodide	50.000	40.397	19.2	57	0.00
11 T	Tert butyl alcohol	250.000	238.305	4.7	71	-0.01
12 CM	1,1-Dichloroethene	50.000	50.349	-0.7#	73	0.00
13 T	Acrolein	250.000	211.531	15.4	63	0.00
14 T	Allyl chloride	50.000	50.321	-0.6	77	0.00
15 T	Acrylonitrile	250.000	335.807	-34.3#	106	-0.01
16 T	Acetone	250.000	296.714	-18.7	87	0.00
17 T	Carbon Disulfide	50.000	44.512	11.0	73	0.00
18 T	Methyl Acetate	50.000	49.380	1.2	73	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.048	5.9	69	0.00
20 T	Methylene Chloride	50.000	49.397	1.2	72	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.933	8.1	74	0.00
22 T	Diisopropyl ether	50.000	56.885	-13.8	84	-0.01
23 T	Vinyl Acetate	250.000	252.425	-1.0	69	-0.01
24 P	1,1-Dichloroethane	50.000	70.559	-41.1#	106	-0.01
25 T	2-Butanone	250.000	272.979	-9.2	81	-0.02
26 T	2,2-Dichloropropane	50.000	60.639	-21.3	90	-0.01
27 T	cis-1,2-Dichloroethene	50.000	56.148	-12.3	82	-0.01
28 T	Bromochloromethane	50.000	49.686	0.6	77	-0.01
29	Tetrahydrofuran	250.000	247.186	1.1	74	-0.02
30 C	Chloroform	50.000	57.518	-15.0#	86	-0.01
31 T	Cyclohexane	50.000	52.393	-4.8	81	-0.01
32 T	1,1,1-Trichloroethane	50.000	61.534	-23.1	90	-0.01
33 S	1,2-Dichloroethane-d4	50.000	53.405	-6.8	83	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	-0.02
35 S	Dibromofluoromethane	50.000	55.057	-10.1	84	-0.01
36 T	1,1-Dichloropropene	50.000	51.234	-2.5	79	-0.01
37 T	Ethyl Acetate	50.000	50.213	-0.4	78	-0.01
38 T	Carbon Tetrachloride	50.000	58.879	-17.8	90	0.00
39 T	Methylcyclohexane	50.000	47.784	4.4	77	-0.02
40 TM	Benzene	50.000	50.614	-1.2	81	-0.02
41 T	Methacrylonitrile	50.000	44.630	10.7	71	-0.02
42 TM	1,2-Dichloroethane	50.000	52.805	-5.6	83	-0.01
43 T	Isopropyl Acetate	50.000	44.105	11.8	66	-0.01
44 TM	Trichloroethene	50.000	51.044	-2.1	81	-0.01
45 C	1,2-Dichloropropane	50.000	53.349	-6.7#	79	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.815	-9.6	83	-0.01
47 T	Bromodichloromethane	50.000	57.119	-14.2	88	-0.01
48 T	Methyl methacrylate	50.000	45.844	8.3	68	-0.01
49 T	1,4-Dioxane	1000.000	1058.217	-5.8	80	-0.01
50 S	Toluene-d8	50.000	50.858	-1.7	81	-0.01
51 T	4-Methyl-2-Pentanone	250.000	240.051	4.0	74	-0.01
52 CM	Toluene	50.000	60.642	-21.3#	86	-0.01
53 T	t-1,3-Dichloropropene	50.000	51.818	-3.6	81	-0.01
54 T	cis-1,3-Dichloropropene	50.000	54.047	-8.1	79	-0.01
55 T	1,1,2-Trichloroethane	50.000	54.176	-8.4	80	-0.01
56 T	Ethyl methacrylate	50.000	48.830	2.3	70	-0.01
57 T	1,3-Dichloropropane	50.000	53.778	-7.6	78	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	264.869	-5.9	85	-0.01
59 T	2-Hexanone	250.000	253.440	-1.4	78	-0.01
60 T	Dibromochloromethane	50.000	53.369	-6.7	80	-0.01
61 T	1,2-Dibromoethane	50.000	52.845	-5.7	80	-0.01
62 S	4-Bromofluorobenzene	50.000	52.989	-6.0	84	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	-0.01
64 T	Tetrachloroethene	50.000	47.147	5.7	75	-0.01
65 PM	Chlorobenzene	50.000	51.167	-2.3	83	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	52.189	-4.4	84	-0.01
67 C	Ethyl Benzene	50.000	52.583	-5.2#	87	-0.01
68 T	m/p-Xylenes	100.000	117.361	-17.4	85	-0.01
69 T	o-Xylene	50.000	51.223	-2.4	79	-0.01
70 T	Styrene	50.000	51.874	-3.7	84	-0.01
71 P	Bromoform	50.000	53.762	-7.5	85	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	-0.01
73 T	Isopropylbenzene	50.000	52.948	-5.9	87	-0.01
74 T	N-amyl acetate	50.000	48.563	2.9	74	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.418	-2.8	82	-0.01
76 T	1,2,3-Trichloropropane	50.000	49.433	1.1	82	0.00
77 T	Bromobenzene	50.000	51.485	-3.0	84	-0.01
78 T	n-propylbenzene	50.000	55.016	-10.0	91	0.00
79 T	2-Chlorotoluene	50.000	51.411	-2.8	85	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.222	-6.4	87	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	48.723	2.6	76	0.00
82 T	4-Chlorotoluene	50.000	53.530	-7.1	89	-0.01
83 T	tert-Butylbenzene	50.000	53.721	-7.4	89	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	52.286	-4.6	87	0.00
85 T	sec-Butylbenzene	50.000	51.672	-3.3	86	0.00
86 T	p-Isopropyltoluene	50.000	54.916	-9.8	89	0.00
87 T	1,3-Dichlorobenzene	50.000	53.553	-7.1	88	0.00
88 T	1,4-Dichlorobenzene	50.000	52.288	-4.6	88	0.00
89 T	n-Butylbenzene	50.000	58.752	-17.5	92	0.00

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90 T	Hexachloroethane	50.000	54.987	-10.0	89	-0.01
91 T	1,2-Dichlorobenzene	50.000	52.141	-4.3	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.065	-0.1	78	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.033	-6.1	81	-0.01
94 T	Hexachlorobutadiene	50.000	53.742	-7.5	86	-0.01
95 T	Naphthalene	50.000	48.352	3.3	78	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	53.089	-6.2	81	-0.01

(#) = Out of Range

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