

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060368.D
 Acq On : 28 Sep 2018 14:53
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 00:31:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 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	90	-0.01
2 T	Dichlorodifluoromethane	50.000	50.441	-0.9	91	0.00
3 P	Chloromethane	50.000	41.127	17.7	85	0.00
4 C	Vinyl Chloride	50.000	43.211	13.6#	90	-0.01
5 T	Bromomethane	50.000	59.363	-18.7	99	0.01
6 T	Chloroethane	50.000	49.267	1.5	95	0.00
7 T	Trichlorofluoromethane	50.000	55.060	-10.1	105	-0.01
8 T	Diethyl Ether	50.000	44.181	11.6	90	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.446	-2.9	101	0.00
10 T	Methyl Iodide	50.000	46.339	7.3	92	0.00
11 T	Tert butyl alcohol	250.000	286.332	-14.5	109	-0.02
12 CM	1,1-Dichloroethene	50.000	49.718	0.6#	95	0.00
13 T	Acrolein	250.000	217.370	13.1	90	0.00
14 T	Allyl chloride	50.000	45.520	9.0	87	0.00
15 T	Acrylonitrile	250.000	218.844	12.5	88	0.00
16 T	Acetone	250.000	275.583	-10.2	105	-0.01
17 T	Carbon Disulfide	50.000	47.768	4.5	85	0.00
18 T	Methyl Acetate	50.000	54.040	-8.1	106	0.00
19 T	Methyl tert-butyl Ether	50.000	50.082	-0.2	98	0.00
20 T	Methylene Chloride	50.000	57.674	-15.3	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.674	6.7	95	0.00
22 T	Diisopropyl ether	50.000	48.833	2.3	95	0.00
23 T	Vinyl Acetate	250.000	237.860	4.9	94	0.00
24 P	1,1-Dichloroethane	50.000	49.160	1.7	101	0.00
25 T	2-Butanone	250.000	251.499	-0.6	93	0.00
26 T	2,2-Dichloropropane	50.000	49.261	1.5	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.961	6.1	93	-0.01
28 T	Bromochloromethane	50.000	47.697	4.6	95	-0.01
29	Tetrahydrofuran	250.000	226.042	9.6	89	-0.01
30 C	Chloroform	50.000	51.742	-3.5#	96	-0.01
31 T	Cyclohexane	50.000	40.587	18.8	82	-0.02
32 T	1,1,1-Trichloroethane	50.000	52.325	-4.7	97	-0.01
33 S	1,2-Dichloroethane-d4	50.000	51.856	-3.7	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	48.441	3.1	90	-0.01
36 T	1,1-Dichloropropene	50.000	49.085	1.8	93	-0.01
37 T	Ethyl Acetate	50.000	43.716	12.6	84	-0.01
38 T	Carbon Tetrachloride	50.000	51.067	-2.1	96	-0.01
39 T	Methylcyclohexane	50.000	44.958	10.1	85	-0.01
40 TM	Benzene	50.000	47.056	5.9	90	-0.01
41 T	Methacrylonitrile	50.000	46.248	7.5	86	-0.01
42 TM	1,2-Dichloroethane	50.000	53.500	-7.0	102	0.00
43 T	Isopropyl Acetate	50.000	43.743	12.5	86	0.00
44 TM	Trichloroethene	50.000	47.540	4.9	89	-0.01
45 C	1,2-Dichloropropane	50.000	46.587	6.8#	88	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.588	4.8	89	-0.01
47 T	Bromodichloromethane	50.000	51.854	-3.7	98	-0.01
48 T	Methyl methacrylate	50.000	43.685	12.6	88	0.00
49 T	1,4-Dioxane	1000.000	957.708	4.2	88	-0.01
50 S	Toluene-d8	50.000	47.088	5.8	84	-0.01
51 T	4-Methyl-2-Pentanone	250.000	291.196	-16.5	104	-0.01
52 CM	Toluene	50.000	47.044	5.9#	90	-0.01
53 T	t-1,3-Dichloropropene	50.000	51.360	-2.7	97	-0.01
54 T	cis-1,3-Dichloropropene	50.000	47.448	5.1	88	-0.01
55 T	1,1,2-Trichloroethane	50.000	49.535	0.9	89	-0.01
56 T	Ethyl methacrylate	50.000	50.311	-0.6	97	-0.01
57 T	1,3-Dichloropropane	50.000	50.772	-1.5	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.138	-3.7	102	-0.01
59 T	2-Hexanone	250.000	303.022	-21.2	107	0.00
60 T	Dibromochloromethane	50.000	50.691	-1.4	92	-0.01
61 T	1,2-Dibromoethane	50.000	49.317	1.4	94	-0.01
62 S	4-Bromofluorobenzene	50.000	48.536	2.9	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	-0.01
64 T	Tetrachloroethene	50.000	43.960	12.1	84	-0.01
65 PM	Chlorobenzene	50.000	46.711	6.6	88	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.385	1.2	95	-0.01
67 C	Ethyl Benzene	50.000	46.962	6.1#	89	-0.01
68 T	m/p-Xylenes	100.000	95.111	4.9	92	-0.01
69 T	o-Xylene	50.000	49.716	0.6	93	-0.01
70 T	Styrene	50.000	49.881	0.2	95	-0.01
71 P	Bromoform	50.000	50.105	-0.2	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	49.002	2.0	97	-0.01
74 T	N-amyl acetate	50.000	51.825	-3.7	108	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.210	1.6	95	0.00
76 T	1,2,3-Trichloropropane	50.000	47.946	4.1	96	-0.01
77 T	Bromobenzene	50.000	47.267	5.5	92	-0.01
78 T	n-propylbenzene	50.000	59.466	-18.9	95	0.00
79 T	2-Chlorotoluene	50.000	49.094	1.8	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.008	4.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.690	18.6	85	-0.01
82 T	4-Chlorotoluene	50.000	47.537	4.9	94	-0.01
83 T	tert-Butylbenzene	50.000	49.296	1.4	96	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	47.790	4.4	96	0.00
85 T	sec-Butylbenzene	50.000	59.611	-19.2	94	0.00
86 T	p-Isopropyltoluene	50.000	58.743	-17.5	94	0.00
87 T	1,3-Dichlorobenzene	50.000	45.927	8.1	92	-0.01
88 T	1,4-Dichlorobenzene	50.000	46.951	6.1	91	-0.01
89 T	n-Butylbenzene	50.000	57.117	-14.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.258	-0.5	96	0.00
91 T	1,2-Dichlorobenzene	50.000	47.136	5.7	95	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.533	2.9	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.277	1.4	99	0.00
94 T	Hexachlorobutadiene	50.000	52.154	-4.3	101	0.00
95 T	Naphthalene	50.000	53.749	-7.5	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.433	-4.9	99	-0.01

(#) = Out of Range

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