

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF073118\
 Data File : VF059725.D
 Acq On : 31 Jul 2018 23:58
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 01 07:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 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	75	0.01
2 T	Dichlorodifluoromethane	50.000	54.583	-9.2	88	0.00
3 P	Chloromethane	50.000	53.508	-7.0	84	0.00
4 C	Vinyl Chloride	50.000	49.940	0.1#	82	0.00
5 T	Bromomethane	50.000	57.508	-15.0	89	0.00
6 T	Chloroethane	50.000	59.920	-19.8	97	0.00
7 T	Trichlorofluoromethane	50.000	57.138	-14.3	94	0.00
8 T	Diethyl Ether	50.000	47.032	5.9	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.228	-14.5	94	0.01
10 T	Methyl Iodide	50.000	57.848	-15.7	90	0.00
11 T	Tert butyl alcohol	250.000	220.862	11.7	75	0.00
12 CM	1,1-Dichloroethene	50.000	50.291	-0.6#	92	0.00
13 T	Acrolein	250.000	260.685	-4.3	75	0.00
14 T	Allyl chloride	50.000	51.873	-3.7	93	0.00
15 T	Acrylonitrile	250.000	256.150	-2.5	88	0.00
16 T	Acetone	250.000	214.729	14.1	71	0.00
17 T	Carbon Disulfide	50.000	52.937	-5.9	88	0.00
18 T	Methyl Acetate	50.000	56.114	-12.2	94	0.00
19 T	Methyl tert-butyl Ether	50.000	50.475	-1.0	84	0.01
20 T	Methylene Chloride	50.000	55.703	-11.4	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.887	-13.8	96	0.00
22 T	Diisopropyl ether	50.000	50.419	-0.8	86	0.00
23 T	Vinyl Acetate	250.000	243.070	2.8	78	0.00
24 P	1,1-Dichloroethane	50.000	51.005	-2.0	89	0.01
25 T	2-Butanone	250.000	237.510	5.0	65	0.03
26 T	2,2-Dichloropropane	50.000	49.732	0.5	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.788	4.4	80	0.00
28 T	Bromochloromethane	50.000	53.982	-8.0	83	0.00
29	Tetrahydrofuran	250.000	224.607	10.2	77	0.00
30 C	Chloroform	50.000	51.832	-3.7#	87	0.01
31 T	Cyclohexane	50.000	48.350	3.3	81	0.00
32 T	1,1,1-Trichloroethane	50.000	53.753	-7.5	92	0.01
33 S	1,2-Dichloroethane-d4	50.000	54.137	-8.3	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	54.432	-8.9	91	0.01
36 T	1,1-Dichloropropene	50.000	50.618	-1.2	83	0.00
37 T	Ethyl Acetate	50.000	49.121	1.8	77	0.00
38 T	Carbon Tetrachloride	50.000	50.250	-0.5	89	0.00
39 T	Methylcyclohexane	50.000	52.824	-5.6	86	0.00
40 TM	Benzene	50.000	45.646	8.7	84	0.00
41 T	Methacrylonitrile	50.000	44.708	10.6	71	0.00
42 TM	1,2-Dichloroethane	50.000	52.435	-4.9	90	0.00
43 T	Isopropyl Acetate	50.000	39.002	22.0	70	0.00
44 TM	Trichloroethene	50.000	53.983	-8.0	83	0.00
45 C	1,2-Dichloropropane	50.000	50.062	-0.1#	84	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	51.881	-3.8	88	0.00
47 T	Bromodichloromethane	50.000	50.547	-1.1	85	0.00
48 T	Methyl methacrylate	50.000	43.784	12.4	74	0.00
49 T	1,4-Dioxane	1000.000	877.430	12.3	80	0.01
50 S	Toluene-d8	50.000	51.855	-3.7	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.714	5.7	78	0.00
52 CM	Toluene	50.000	51.855	-3.7#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	47.727	4.5	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.134	5.7	78	0.01
55 T	1,1,2-Trichloroethane	50.000	48.589	2.8	82	0.01
56 T	Ethyl methacrylate	50.000	46.676	6.6	73	0.00
57 T	1,3-Dichloropropane	50.000	47.439	5.1	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.987	-2.4	93	0.00
59 T	2-Hexanone	250.000	215.119	14.0	73	0.00
60 T	Dibromochloromethane	50.000	51.126	-2.3	85	0.00
61 T	1,2-Dibromoethane	50.000	48.993	2.0	84	0.00
62 S	4-Bromofluorobenzene	50.000	56.270	-12.5	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.01
64 T	Tetrachloroethene	50.000	54.885	-9.8	91	0.00
65 PM	Chlorobenzene	50.000	48.848	2.3	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.940	0.1	86	0.00
67 C	Ethyl Benzene	50.000	49.663	0.7#	86	0.01
68 T	m/p-Xylenes	100.000	106.549	-6.5	85	0.00
69 T	o-Xylene	50.000	51.858	-3.7	88	0.00
70 T	Styrene	50.000	50.076	-0.2	87	0.00
71 P	Bromoform	50.000	50.653	-1.3	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73 T	Isopropylbenzene	50.000	49.694	0.6	85	0.00
74 T	N-amyl acetate	50.000	43.013	14.0	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.400	3.2	83	0.00
76 T	1,2,3-Trichloropropane	50.000	47.616	4.8	85	0.00
77 T	Bromobenzene	50.000	45.899	8.2	81	0.01
78 T	n-propylbenzene	50.000	55.732	-11.5	87	0.00
79 T	2-Chlorotoluene	50.000	55.723	-11.4	87	0.01
80 T	1,3,5-Trimethylbenzene	50.000	56.774	-13.5	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.241	9.5	78	0.00
82 T	4-Chlorotoluene	50.000	54.907	-9.8	87	0.00
83 T	tert-Butylbenzene	50.000	50.768	-1.5	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.823	-13.6	87	0.00
85 T	sec-Butylbenzene	50.000	58.926	-17.9	88	0.00
86 T	p-Isopropyltoluene	50.000	58.358	-16.7	88	0.00
87 T	1,3-Dichlorobenzene	50.000	55.911	-11.8	86	0.00
88 T	1,4-Dichlorobenzene	50.000	53.732	-7.5	85	0.00
89 T	n-Butylbenzene	50.000	58.921	-17.8	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.890	-5.8	91	0.00
91 T	1,2-Dichlorobenzene	50.000	56.918	-13.8	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.767	-5.5	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.087	-10.2	84	0.00
94 T	Hexachlorobutadiene	50.000	52.274	-4.5	88	0.00
95 T	Naphthalene	50.000	51.016	-2.0	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.593	-3.2	86	0.00

(#) = Out of Range

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