

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF042919\
 Data File : VF062314.D
 Acq On : 29 Apr 2019 15:02
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 29 15:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	71	-0.03
2 T	Dichlorodifluoromethane	50.000	49.830	0.3	79	-0.01
3 P	Chloromethane	50.000	44.139	11.7	71	0.00
4 C	Vinyl Chloride	50.000	43.913	12.2#	70	0.00
5 T	Bromomethane	50.000	52.794	-5.6	79	-0.02
6 T	Chloroethane	50.000	54.970	-9.9	80	-0.02
7 T	Trichlorofluoromethane	50.000	57.815	-15.6	89	-0.01
8 T	Diethyl Ether	50.000	45.313	9.4	77	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.115	-2.2	81	-0.01
10 T	Methyl Iodide	50.000	49.439	1.1	77	-0.02
11 T	Tert butyl alcohol	250.000	241.026	3.6	73	-0.02
12 CM	1,1-Dichloroethene	50.000	49.966	0.1#	75	-0.01
13 T	Acrolein	250.000	205.310	17.9	56	0.00
14 T	Allyl chloride	50.000	71.464	-42.9#	116	0.00
15 T	Acrylonitrile	250.000	205.476	17.8	59	-0.02
16 T	Acetone	250.000	285.181	-14.1	87	-0.01
17 T	Carbon Disulfide	50.000	46.341	7.3	73	-0.01
18 T	Methyl Acetate	50.000	51.979	-4.0	81	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.106	1.8	72	-0.02
20 T	Methylene Chloride	50.000	46.458	7.1	71	-0.02
21 T	trans-1,2-Dichloroethene	50.000	46.250	7.5	74	0.00
22 T	Diisopropyl ether	50.000	48.188	3.6	77	-0.03
23 T	Vinyl Acetate	250.000	233.966	6.4	72	-0.03
24 P	1,1-Dichloroethane	50.000	49.020	2.0	77	-0.02
25 T	2-Butanone	250.000	228.308	8.7	73	-0.03
26 T	2,2-Dichloropropane	50.000	59.188	-18.4	91	-0.02
27 T	cis-1,2-Dichloroethene	50.000	45.646	8.7	71	-0.03
28 T	Bromochloromethane	50.000	46.245	7.5	67	-0.04
29 T	Tetrahydrofuran	250.000	211.428	15.4	65	-0.03
30 C	Chloroform	50.000	52.127	-4.3#	80	-0.02
31 T	Cyclohexane	50.000	44.823	10.4	69	-0.03
32 T	1,1,1-Trichloroethane	50.000	55.060	-10.1	83	-0.03
33 S	1,2-Dichloroethane-d4	50.000	50.270	-0.5	71	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	-0.03
35 S	Dibromofluoromethane	50.000	49.662	0.7	68	-0.03
36 T	1,1-Dichloropropene	50.000	50.119	-0.2	75	-0.03
37 T	Ethyl Acetate	50.000	45.884	8.2	72	-0.02
38 T	Carbon Tetrachloride	50.000	70.267	-40.5#	114	-0.03
39 T	Methylcyclohexane	50.000	46.364	7.3	69	-0.03
40 TM	Benzene	50.000	46.183	7.6	72	-0.03
41 T	Methacrylonitrile	50.000	48.203	3.6	71	-0.03
42 TM	1,2-Dichloroethane	50.000	57.096	-14.2	86	-0.03
43 T	Isopropyl Acetate	50.000	44.819	10.4	72	-0.03
44 TM	Trichloroethene	50.000	48.659	2.7	75	-0.02
45 C	1,2-Dichloropropane	50.000	48.092	3.8#	76	-0.03

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.449	-0.9	76	-0.03
47 T	Bromodichloromethane	50.000	53.658	-7.3	83	-0.03
48 T	Methyl methacrylate	50.000	47.415	5.2	77	-0.02
49 T	1,4-Dioxane	1000.000	851.395	14.9	68	-0.04
50 S	Toluene-d8	50.000	49.099	1.8	70	-0.03
51 T	4-Methyl-2-Pentanone	250.000	235.261	5.9	76	-0.03
52 CM	Toluene	50.000	46.949	6.1#	74	-0.03
53 T	t-1,3-Dichloropropene	50.000	51.763	-3.5	81	-0.02
54 T	cis-1,3-Dichloropropene	50.000	49.602	0.8	76	-0.02
55 T	1,1,2-Trichloroethane	50.000	51.635	-3.3	81	-0.03
56 T	Ethyl methacrylate	50.000	43.322	13.4	69	-0.03
57 T	1,3-Dichloropropane	50.000	47.781	4.4	76	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	207.198	17.1	60	-0.02
59 T	2-Hexanone	250.000	238.180	4.7	74	-0.03
60 T	Dibromochloromethane	50.000	54.192	-8.4	83	-0.02
61 T	1,2-Dibromoethane	50.000	51.345	-2.7	78	-0.03
62 S	4-Bromofluorobenzene	50.000	50.561	-1.1	76	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	-0.03
64 T	Tetrachloroethene	50.000	50.658	-1.3	82	-0.03
65 PM	Chlorobenzene	50.000	49.986	0.0	82	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	54.187	-8.4	87	-0.02
67 C	Ethyl Benzene	50.000	51.089	-2.2#	85	-0.03
68 T	m/p-Xylenes	100.000	98.059	1.9	81	-0.02
69 T	o-Xylene	50.000	50.195	-0.4	81	-0.02
70 T	Styrene	50.000	48.221	3.6	81	-0.02
71 P	Bromoform	50.000	51.470	-2.9	81	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	-0.02
73 T	Isopropylbenzene	50.000	49.723	0.6	80	-0.02
74 T	N-amyl acetate	50.000	39.442	21.1#	74	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.774	2.5	77	-0.02
76 T	1,2,3-Trichloropropane	50.000	49.491	1.0	82	0.00
77 T	Bromobenzene	50.000	48.925	2.2	81	-0.02
78 T	n-propylbenzene	50.000	48.976	2.0	82	-0.02
79 T	2-Chlorotoluene	50.000	51.589	-3.2	86	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	50.839	-1.7	83	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	63.054	-26.1#	120	-0.02
82 T	4-Chlorotoluene	50.000	50.209	-0.4	83	-0.02
83 T	tert-Butylbenzene	50.000	53.797	-7.6	90	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	50.986	-2.0	88	-0.02
85 T	sec-Butylbenzene	50.000	52.311	-4.6	86	-0.02
86 T	p-Isopropyltoluene	50.000	53.192	-6.4	91	0.00
87 T	1,3-Dichlorobenzene	50.000	48.872	2.3	87	-0.02
88 T	1,4-Dichlorobenzene	50.000	50.038	-0.1	86	-0.02
89 T	n-Butylbenzene	50.000	49.804	0.4	87	-0.02

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90 T	Hexachloroethane	50.000	53.839	-7.7	87	0.00
91 T	1,2-Dichlorobenzene	50.000	49.843	0.3	87	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.828	-3.7	84	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	50.871	-1.7	86	-0.02
94 T	Hexachlorobutadiene	50.000	53.942	-7.9	88	-0.02
95 T	Naphthalene	50.000	47.533	4.9	78	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	52.344	-4.7	87	-0.02

(#) = Out of Range

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