

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF071918\
 Data File : VF059543.D
 Acq On : 19 Jul 2018 6:24
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 19 07:20:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 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	82	-0.02
2 T	Dichlorodifluoromethane	50.000	49.357	1.3	93	0.00
3 P	Chloromethane	50.000	47.568	4.9	95	-0.01
4 C	Vinyl Chloride	50.000	51.448	-2.9#	94	0.00
5 T	Bromomethane	50.000	54.979	-10.0	106	0.00
6 T	Chloroethane	50.000	57.075	-14.2	105	-0.01
7 T	Trichlorofluoromethane	50.000	49.388	1.2	88	-0.05
8 T	Diethyl Ether	50.000	52.881	-5.8	89	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	63.466	-26.9#	124	-0.01
10 T	Methyl Iodide	50.000	66.917	-33.8#	124	-0.02
11 T	Tert butyl alcohol	250.000	245.908	1.6	75	-0.01
12 CM	1,1-Dichloroethene	50.000	49.180	1.6#	97	-0.01
13 T	Acrolein	250.000	276.023	-10.4	81	-0.01
14 T	Allyl chloride	50.000	70.977	-42.0#	132	-0.01
15 T	Acrylonitrile	250.000	278.811	-11.5	92	-0.02
16 T	Acetone	250.000	281.272	-12.5	79	-0.02
17 T	Carbon Disulfide	50.000	47.412	5.2	89	-0.05
18 T	Methyl Acetate	50.000	56.951	-13.9	84	-0.01
19 T	Methyl tert-butyl Ether	50.000	51.539	-3.1	83	-0.01
20 T	Methylene Chloride	50.000	56.703	-13.4	94	-0.07
21 T	trans-1,2-Dichloroethene	50.000	51.948	-3.9	93	-0.01
22 T	Diisopropyl ether	50.000	49.685	0.6	82	-0.02
23 T	Vinyl Acetate	250.000	249.872	0.1	83	-0.03
24 P	1,1-Dichloroethane	50.000	56.493	-13.0	98	-0.02
25 T	2-Butanone	250.000	223.792	10.5	72	-0.03
26 T	2,2-Dichloropropane	50.000	55.047	-10.1	92	-0.02
27 T	cis-1,2-Dichloroethene	50.000	60.437	-20.9	99	-0.02
28 T	Bromochloromethane	50.000	51.070	-2.1	80	-0.02
29	Tetrahydrofuran	250.000	248.634	0.5	76	-0.03
30 C	Chloroform	50.000	53.831	-7.7#	91	-0.02
31 T	Cyclohexane	50.000	57.843	-15.7	107	-0.02
32 T	1,1,1-Trichloroethane	50.000	64.578	-29.2#	111	-0.03
33 S	1,2-Dichloroethane-d4	50.000	57.680	-15.4	94	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	-0.03
35 S	Dibromofluoromethane	50.000	53.820	-7.6	90	-0.02
36 T	1,1-Dichloropropene	50.000	48.181	3.6	88	-0.02
37 T	Ethyl Acetate	50.000	46.368	7.3	73	-0.04
38 T	Carbon Tetrachloride	50.000	58.089	-16.2	110	-0.02
39 T	Methylcyclohexane	50.000	54.013	-8.0	102	-0.02
40 TM	Benzene	50.000	46.877	6.2	85	-0.02
41 T	Methacrylonitrile	50.000	45.311	9.4	81	-0.04
42 TM	1,2-Dichloroethane	50.000	52.612	-5.2	93	-0.03
43 T	Isopropyl Acetate	50.000	45.988	8.0	81	-0.02
44 TM	Trichloroethene	50.000	47.466	5.1	87	-0.02
45 C	1,2-Dichloropropane	50.000	51.131	-2.3#	90	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.331	-2.7	90	-0.02
47 T	Bromodichloromethane	50.000	53.119	-6.2	92	-0.03
48 T	Methyl methacrylate	50.000	45.159	9.7	77	-0.03
49 T	1,4-Dioxane	1000.000	1235.577	-23.6	101	-0.04
50 S	Toluene-d8	50.000	52.220	-4.4	87	-0.02
51 T	4-Methyl-2-Pentanone	250.000	228.461	8.6	78	-0.03
52 CM	Toluene	50.000	50.816	-1.6#	95	-0.02
53 T	t-1,3-Dichloropropene	50.000	49.555	0.9	87	-0.03
54 T	cis-1,3-Dichloropropene	50.000	50.886	-1.8	87	-0.02
55 T	1,1,2-Trichloroethane	50.000	52.922	-5.8	90	-0.02
56 T	Ethyl methacrylate	50.000	50.253	-0.5	85	-0.02
57 T	1,3-Dichloropropane	50.000	50.249	-0.5	91	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	249.759	0.1	90	-0.03
59 T	2-Hexanone	250.000	236.326	5.5	78	-0.03
60 T	Dibromochloromethane	50.000	54.563	-9.1	93	-0.03
61 T	1,2-Dibromoethane	50.000	51.832	-3.7	93	-0.03
62 S	4-Bromofluorobenzene	50.000	56.693	-13.4	98	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	-0.02
64 T	Tetrachloroethene	50.000	49.409	1.2	96	-0.02
65 PM	Chlorobenzene	50.000	50.675	-1.3	97	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	50.102	-0.2	95	-0.02
67 C	Ethyl Benzene	50.000	48.951	2.1#	95	-0.02
68 T	m/p-Xylenes	100.000	97.062	2.9	94	-0.02
69 T	o-Xylene	50.000	51.469	-2.9	99	-0.02
70 T	Styrene	50.000	49.558	0.9	96	-0.01
71 P	Bromoform	50.000	48.700	2.6	87	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	-0.02
73 T	Isopropylbenzene	50.000	46.087	7.8	93	-0.01
74 T	N-amyl acetate	50.000	43.117	13.8	85	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	46.294	7.4	91	-0.02
76 T	1,2,3-Trichloropropane	50.000	46.420	7.2	94	-0.02
77 T	Bromobenzene	50.000	47.370	5.3	95	-0.02
78 T	n-propylbenzene	50.000	50.244	-0.5	103	-0.02
79 T	2-Chlorotoluene	50.000	49.029	1.9	101	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.505	3.0	99	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	43.260	13.5	89	-0.01
82 T	4-Chlorotoluene	50.000	49.202	1.6	100	-0.01
83 T	tert-Butylbenzene	50.000	50.228	-0.5	100	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.337	-0.7	103	-0.02
85 T	sec-Butylbenzene	50.000	52.108	-4.2	105	-0.02
86 T	p-Isopropyltoluene	50.000	51.638	-3.3	104	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.795	2.4	99	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.472	1.1	102	-0.01
89 T	n-Butylbenzene	50.000	51.979	-4.0	104	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.445	-12.9	120	-0.01
91 T	1,2-Dichlorobenzene	50.000	50.475	-1.0	104	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.291	7.4	91	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	60.009	-20.0	121	-0.01
94 T	Hexachlorobutadiene	50.000	69.919	-39.8#	146	-0.01
95 T	Naphthalene	50.000	58.155	-16.3	114	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	65.415	-30.8#	136	-0.01

(#) = Out of Range

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