

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF071918\
 Data File : VF059564.D
 Acq On : 19 Jul 2018 19:06
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 20 05:19:02 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	87	-0.02
2 T	Dichlorodifluoromethane	50.000	51.187	-2.4	102	0.00
3 P	Chloromethane	50.000	42.260	15.5	89	0.00
4 C	Vinyl Chloride	50.000	48.212	3.6#	93	0.00
5 T	Bromomethane	50.000	56.973	-13.9	116	0.00
6 T	Chloroethane	50.000	57.136	-14.3	111	-0.02
7 T	Trichlorofluoromethane	50.000	50.671	-1.3	96	-0.05
8 T	Diethyl Ether	50.000	47.163	5.7	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	64.588	-29.2#	134	0.00
10 T	Methyl Iodide	50.000	66.013	-32.0#	129	-0.02
11 T	Tert butyl alcohol	250.000	274.978	-10.0	88	0.00
12 CM	1,1-Dichloroethene	50.000	48.696	2.6#	102	0.00
13 T	Acrolein	250.000	338.577	-35.4#	102	-0.02
14 T	Allyl chloride	50.000	69.807	-39.6#	138	0.00
15 T	Acrylonitrile	250.000	218.487	12.6	76	-0.02
16 T	Acetone	250.000	329.196	-31.7#	97	-0.02
17 T	Carbon Disulfide	50.000	46.926	6.1	94	-0.05
18 T	Methyl Acetate	50.000	44.865	10.3	71	0.00
19 T	Methyl tert-butyl Ether	50.000	49.739	0.5	85	0.00
20 T	Methylene Chloride	50.000	52.829	-5.7	94	-0.07
21 T	trans-1,2-Dichloroethene	50.000	54.999	-10.0	105	0.00
22 T	Diisopropyl ether	50.000	47.125	5.8	82	-0.02
23 T	Vinyl Acetate	250.000	225.103	10.0	79	-0.03
24 P	1,1-Dichloroethane	50.000	52.474	-4.9	97	-0.02
25 T	2-Butanone	250.000	207.398	17.0	71	-0.04
26 T	2,2-Dichloropropane	50.000	63.972	-27.9#	114	-0.02
27 T	cis-1,2-Dichloroethene	50.000	57.780	-15.6	101	-0.02
28 T	Bromochloromethane	50.000	47.014	6.0	78	-0.02
29	Tetrahydrofuran	250.000	235.396	5.8	76	-0.03
30 C	Chloroform	50.000	50.785	-1.6#	91	-0.02
31 T	Cyclohexane	50.000	53.937	-7.9	106	0.00
32 T	1,1,1-Trichloroethane	50.000	66.835	-33.7#	122	-0.02
33 S	1,2-Dichloroethane-d4	50.000	50.963	-1.9	89	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	-0.03
35 S	Dibromofluoromethane	50.000	51.846	-3.7	88	-0.02
36 T	1,1-Dichloropropene	50.000	50.053	-0.1	92	-0.02
37 T	Ethyl Acetate	50.000	43.510	13.0	70	-0.04
38 T	Carbon Tetrachloride	50.000	65.455	-30.9#	125	0.00
39 T	Methylcyclohexane	50.000	51.499	-3.0	99	0.00
40 TM	Benzene	50.000	48.276	3.4	89	0.00
41 T	Methacrylonitrile	50.000	42.454	15.1	77	-0.04
42 TM	1,2-Dichloroethane	50.000	50.607	-1.2	91	-0.03
43 T	Isopropyl Acetate	50.000	42.461	15.1	75	-0.02
44 TM	Trichloroethene	50.000	48.693	2.6	91	-0.02
45 C	1,2-Dichloropropane	50.000	48.759	2.5#	86	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.168	1.7	87	-0.02
47 T	Bromodichloromethane	50.000	50.280	-0.6	88	-0.02
48 T	Methyl methacrylate	50.000	43.228	13.5	75	-0.02
49 T	1,4-Dioxane	1000.000	1312.896	-31.3#	108	-0.04
50 S	Toluene-d8	50.000	48.171	3.7	82	-0.02
51 T	4-Methyl-2-Pentanone	250.000	222.665	10.9	77	-0.03
52 CM	Toluene	50.000	49.124	1.8#	93	-0.02
53 T	t-1,3-Dichloropropene	50.000	48.866	2.3	87	-0.02
54 T	cis-1,3-Dichloropropene	50.000	47.863	4.3	83	-0.02
55 T	1,1,2-Trichloroethane	50.000	52.204	-4.4	90	-0.02
56 T	Ethyl methacrylate	50.000	45.712	8.6	79	-0.02
57 T	1,3-Dichloropropane	50.000	47.848	4.3	87	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	267.207	-6.9	98	-0.02
59 T	2-Hexanone	250.000	227.211	9.1	76	-0.02
60 T	Dibromochloromethane	50.000	51.644	-3.3	89	-0.02
61 T	1,2-Dibromoethane	50.000	49.639	0.7	90	-0.03
62 S	4-Bromofluorobenzene	50.000	53.560	-7.1	94	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	-0.02
64 T	Tetrachloroethene	50.000	50.765	-1.5	95	-0.02
65 PM	Chlorobenzene	50.000	50.174	-0.3	93	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	52.554	-5.1	97	-0.02
67 C	Ethyl Benzene	50.000	51.912	-3.8#	98	-0.02
68 T	m/p-Xylenes	100.000	102.069	-2.1	96	-0.02
69 T	o-Xylene	50.000	53.736	-7.5	100	-0.02
70 T	Styrene	50.000	51.479	-3.0	96	0.00
71 P	Bromoform	50.000	50.655	-1.3	88	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	-0.02
73 T	Isopropylbenzene	50.000	48.727	2.5	103	0.00
74 T	N-amyl acetate	50.000	36.691	26.6#	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.725	12.5	90	-0.02
76 T	1,2,3-Trichloropropane	50.000	43.326	13.3	91	0.00
77 T	Bromobenzene	50.000	46.105	7.8	97	-0.02
78 T	n-propylbenzene	50.000	49.740	0.5	107	0.00
79 T	2-Chlorotoluene	50.000	49.565	0.9	107	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	50.500	-1.0	107	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	41.517	17.0	90	0.00
82 T	4-Chlorotoluene	50.000	47.582	4.8	101	0.00
83 T	tert-Butylbenzene	50.000	51.863	-3.7	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.281	-0.6	107	-0.02
85 T	sec-Butylbenzene	50.000	52.516	-5.0	110	0.00
86 T	p-Isopropyltoluene	50.000	52.668	-5.3	111	0.00
87 T	1,3-Dichlorobenzene	50.000	48.175	3.7	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.070	1.9	106	0.00
89 T	n-Butylbenzene	50.000	56.000	-12.0	117	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.891	-9.8	122	0.00
91 T	1,2-Dichlorobenzene	50.000	48.563	2.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.909	10.2	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.088	-22.2	128	0.00
94 T	Hexachlorobutadiene	50.000	76.718	-53.4#	168	0.00
95 T	Naphthalene	50.000	57.082	-14.2	117	0.00
96 T	1,2,3-Trichlorobenzene	50.000	66.184	-32.4#	144	0.00

(#) = Out of Range

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