

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF080218\
 Data File : VF059821.D
 Acq On : 3 Aug 2018 1:39
 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 03 08:06:27 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	44.350	11.3	92	0.00
3 P	Chloromethane	50.000	50.051	-0.1	99	0.00
4 C	Vinyl Chloride	50.000	53.823	-7.6#	110	0.00
5 T	Bromomethane	50.000	47.358	5.3	93	0.00
6 T	Chloroethane	50.000	50.848	-1.7	105	0.01
7 T	Trichlorofluoromethane	50.000	42.148	15.7	87	0.00
8 T	Diethyl Ether	50.000	47.920	4.2	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.111	9.8	93	0.01
10 T	Methyl Iodide	50.000	51.066	-2.1	101	0.00
11 T	Tert butyl alcohol	250.000	247.764	0.9	105	0.00
12 CM	1,1-Dichloroethene	50.000	49.318	1.4#	113	0.00
13 T	Acrolein	250.000	285.137	-14.1	103	0.00
14 T	Allyl chloride	50.000	51.287	-2.6	115	0.00
15 T	Acrylonitrile	250.000	332.673	-33.1#	143	0.00
16 T	Acetone	250.000	203.125	18.8	85	0.00
17 T	Carbon Disulfide	50.000	46.627	6.7	98	0.01
18 T	Methyl Acetate	50.000	55.254	-10.5	116	0.00
19 T	Methyl tert-butyl Ether	50.000	48.868	2.3	102	0.00
20 T	Methylene Chloride	50.000	53.980	-8.0	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.662	-5.3	111	0.00
22 T	Diisopropyl ether	50.000	54.464	-8.9	116	0.00
23 T	Vinyl Acetate	250.000	273.510	-9.4	109	0.00
24 P	1,1-Dichloroethane	50.000	49.082	1.8	107	0.00
25 T	2-Butanone	250.000	233.573	6.6	80	0.00
26 T	2,2-Dichloropropane	50.000	40.461	19.1	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.501	-1.0	106	0.00
28 T	Bromochloromethane	50.000	56.246	-12.5	108	0.00
29	Tetrahydrofuran	250.000	272.849	-9.1	118	0.00
30 C	Chloroform	50.000	48.179	3.6#	101	0.00
31 T	Cyclohexane	50.000	56.742	-13.5	117	0.00
32 T	1,1,1-Trichloroethane	50.000	46.157	7.7	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.757	2.5	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	51.240	-2.5	108	0.00
36 T	1,1-Dichloropropene	50.000	51.474	-2.9	107	0.00
37 T	Ethyl Acetate	50.000	59.445	-18.9	115	0.00
38 T	Carbon Tetrachloride	50.000	41.311	17.4	92	0.00
39 T	Methylcyclohexane	50.000	53.250	-6.5	109	0.00
40 TM	Benzene	50.000	48.209	3.6	111	0.00
41 T	Methacrylonitrile	50.000	53.118	-6.2	105	0.00
42 TM	1,2-Dichloroethane	50.000	42.819	14.4	93	0.00
43 T	Isopropyl Acetate	50.000	50.087	-0.2	112	0.00
44 TM	Trichloroethene	50.000	51.222	-2.4	100	0.00
45 C	1,2-Dichloropropane	50.000	51.802	-3.6#	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.260	5.5	100	0.00
47 T	Bromodichloromethane	50.000	46.671	6.7	99	0.00
48 T	Methyl methacrylate	50.000	49.206	1.6	104	0.00
49 T	1,4-Dioxane	1000.000	1181.955	-18.2	138	0.01
50 S	Toluene-d8	50.000	52.519	-5.0	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.860	-5.1	109	0.00
52 CM	Toluene	50.000	51.589	-3.2#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	43.068	13.9	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.528	2.9	101	0.00
55 T	1,1,2-Trichloroethane	50.000	48.813	2.4	104	0.00
56 T	Ethyl methacrylate	50.000	49.172	1.7	97	0.00
57 T	1,3-Dichloropropane	50.000	49.056	1.9	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	218.993	12.4	100	0.00
59 T	2-Hexanone	250.000	225.022	10.0	96	0.00
60 T	Dibromochloromethane	50.000	46.301	7.4	97	0.00
61 T	1,2-Dibromoethane	50.000	47.681	4.6	103	0.00
62 S	4-Bromofluorobenzene	50.000	48.214	3.6	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	59.007	-18.0	115	0.00
65 PM	Chlorobenzene	50.000	48.863	2.3	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.208	3.6	98	0.00
67 C	Ethyl Benzene	50.000	49.667	0.7#	101	0.00
68 T	m/p-Xylenes	100.000	109.531	-9.5	102	0.00
69 T	o-Xylene	50.000	50.609	-1.2	101	0.00
70 T	Styrene	50.000	50.159	-0.3	102	0.00
71 P	Bromoform	50.000	51.417	-2.8	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	51.344	-2.7	97	0.00
74 T	N-amyl acetate	50.000	50.105	-0.2	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.536	-11.1	106	0.00
76 T	1,2,3-Trichloropropane	50.000	52.338	-4.7	104	0.00
77 T	Bromobenzene	50.000	48.485	3.0	95	0.00
78 T	n-propylbenzene	50.000	57.169	-14.3	98	0.00
79 T	2-Chlorotoluene	50.000	55.502	-11.0	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.164	-12.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.483	-1.0	97	0.00
82 T	4-Chlorotoluene	50.000	53.607	-7.2	95	0.00
83 T	tert-Butylbenzene	50.000	50.520	-1.0	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.812	-11.6	95	0.00
85 T	sec-Butylbenzene	50.000	58.299	-16.6	97	0.00
86 T	p-Isopropyltoluene	50.000	56.488	-13.0	95	0.00
87 T	1,3-Dichlorobenzene	50.000	55.765	-11.5	95	0.00
88 T	1,4-Dichlorobenzene	50.000	54.073	-8.1	95	0.00
89 T	n-Butylbenzene	50.000	56.082	-12.2	94	0.00

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90 T	Hexachloroethane	50.000	50.464	-0.9	96	0.00
91 T	1,2-Dichlorobenzene	50.000	56.377	-12.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.789	-9.6	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.568	-5.1	89	0.00
94 T	Hexachlorobutadiene	50.000	48.099	3.8	90	0.00
95 T	Naphthalene	50.000	52.584	-5.2	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.148	3.7	89	0.00

(#) = Out of Range

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