

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF042219\
 Data File : VF062238.D
 Acq On : 22 Apr 2019 11:08
 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 23 02:32:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 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	116	0.02
2 T	Dichlorodifluoromethane	50.000	44.741	10.5	109	0.00
3 P	Chloromethane	50.000	44.223	11.6	107	0.00
4 C	Vinyl Chloride	50.000	47.635	4.7#	113	0.00
5 T	Bromomethane	50.000	51.809	-3.6	115	-0.01
6 T	Chloroethane	50.000	51.224	-2.4	114	0.00
7 T	Trichlorofluoromethane	50.000	51.486	-3.0	121	0.00
8 T	Diethyl Ether	50.000	45.248	9.5	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.029	1.9	116	0.00
10 T	Methyl Iodide	50.000	50.182	-0.4	116	0.00
11 T	Tert butyl alcohol	250.000	198.473	20.6#	97	0.00
12 CM	1,1-Dichloroethene	50.000	49.444	1.1#	118	0.00
13 T	Acrolein	250.000	261.740	-4.7	133	0.00
14 T	Allyl chloride	50.000	57.685	-15.4	143	0.00
15 T	Acrylonitrile	250.000	246.906	1.2	118	0.02
16 T	Acetone	250.000	271.127	-8.5	127	0.00
17 T	Carbon Disulfide	50.000	48.671	2.7	111	0.00
18 T	Methyl Acetate	50.000	43.179	13.6	101	0.01
19 T	Methyl tert-butyl Ether	50.000	48.758	2.5	115	0.00
20 T	Methylene Chloride	50.000	44.057	11.9	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.803	4.4	111	0.00
22 T	Diisopropyl ether	50.000	46.911	6.2	113	0.02
23 T	Vinyl Acetate	250.000	221.167	11.5	98	0.02
24 P	1,1-Dichloroethane	50.000	48.851	2.3	121	0.00
25 T	2-Butanone	250.000	217.036	13.2	103	0.00
26 T	2,2-Dichloropropane	50.000	50.132	-0.3	127	0.03
27 T	cis-1,2-Dichloroethene	50.000	46.243	7.5	106	0.02
28 T	Bromochloromethane	50.000	43.216	13.6	113	0.02
29 T	Tetrahydrofuran	250.000	194.289	22.3#	91	0.00
30 C	Chloroform	50.000	47.762	4.5#	112	0.02
31 T	Cyclohexane	50.000	43.764	12.5	104	0.02
32 T	1,1,1-Trichloroethane	50.000	50.117	-0.2	149	0.03
33 S	1,2-Dichloroethane-d4	50.000	50.602	-1.2	113	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	119	0.02
35 S	Dibromofluoromethane	50.000	44.335	11.3	110	0.02
36 T	1,1-Dichloropropene	50.000	45.731	8.5	110	0.03
37 T	Ethyl Acetate	50.000	37.644	24.7#	93	0.02
38 T	Carbon Tetrachloride	50.000	45.189	9.6	118	0.02
39 T	Methylcyclohexane	50.000	49.634	0.7	119	0.02
40 TM	Benzene	50.000	45.114	9.8	110	0.02
41 T	Methacrylonitrile	50.000	41.173	17.7	97	0.02
42 TM	1,2-Dichloroethane	50.000	47.976	4.0	116	0.02
43 T	Isopropyl Acetate	50.000	41.717	16.6	103	0.00
44 TM	Trichloroethene	50.000	53.989	-8.0	129	0.03
45 C	1,2-Dichloropropane	50.000	47.620	4.8#	116	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.438	1.1	115	0.02
47 T	Bromodichloromethane	50.000	48.493	3.0	118	0.03
48 T	Methyl methacrylate	50.000	40.681	18.6	100	0.02
49 T	1,4-Dioxane	1000.000	787.141	21.3#	96	0.00
50 S	Toluene-d8	50.000	50.205	-0.4	119	0.02
51 T	4-Methyl-2-Pentanone	250.000	209.080	16.4	103	0.02
52 CM	Toluene	50.000	51.837	-3.7#	122	0.02
53 T	t-1,3-Dichloropropene	50.000	46.135	7.7	111	0.02
54 T	cis-1,3-Dichloropropene	50.000	50.872	-1.7	123	0.03
55 T	1,1,2-Trichloroethane	50.000	48.269	3.5	116	0.02
56 T	Ethyl methacrylate	50.000	45.867	8.3	114	0.02
57 T	1,3-Dichloropropane	50.000	48.701	2.6	117	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	224.152	10.3	105	0.02
59 T	2-Hexanone	250.000	232.879	6.8	113	0.02
60 T	Dibromochloromethane	50.000	53.791	-7.6	129	0.02
61 T	1,2-Dibromoethane	50.000	51.764	-3.5	124	0.02
62 S	4-Bromofluorobenzene	50.000	45.358	9.3	113	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.02
64 T	Tetrachloroethene	50.000	50.561	-1.1	124	0.02
65 PM	Chlorobenzene	50.000	51.853	-3.7	120	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	50.931	-1.9	124	0.02
67 C	Ethyl Benzene	50.000	48.174	3.7#	120	0.02
68 T	m/p-Xylenes	100.000	98.605	1.4	123	0.02
69 T	o-Xylene	50.000	48.858	2.3	118	0.02
70 T	Styrene	50.000	46.517	7.0	117	0.00
71 P	Bromoform	50.000	47.118	5.8	116	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	122	0.00
73 T	Isopropylbenzene	50.000	47.862	4.3	115	0.00
74 T	N-amyl acetate	50.000	45.183	9.6	111	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	45.820	8.4	110	0.00
76 T	1,2,3-Trichloropropane	50.000	42.945	14.1	105	0.00
77 T	Bromobenzene	50.000	53.327	-6.7	130	0.00
78 T	n-propylbenzene	50.000	47.976	4.0	120	0.00
79 T	2-Chlorotoluene	50.000	47.940	4.1	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.950	4.1	117	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.718	10.6	108	0.02
82 T	4-Chlorotoluene	50.000	47.652	4.7	120	0.00
83 T	tert-Butylbenzene	50.000	49.790	0.4	121	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.189	3.6	121	0.00
85 T	sec-Butylbenzene	50.000	47.912	4.2	116	0.00
86 T	p-Isopropyltoluene	50.000	48.492	3.0	119	0.00
87 T	1,3-Dichlorobenzene	50.000	49.595	0.8	126	0.00
88 T	1,4-Dichlorobenzene	50.000	50.778	-1.6	127	0.00
89 T	n-Butylbenzene	50.000	55.370	-10.7	126	0.00

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90 T	Hexachloroethane	50.000	50.162	-0.3	120	0.02
91 T	1,2-Dichlorobenzene	50.000	50.647	-1.3	127	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.789	14.4	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.337	-0.7	126	0.00
94 T	Hexachlorobutadiene	50.000	53.033	-6.1	128	0.00
95 T	Naphthalene	50.000	50.513	-1.0	124	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.467	-2.9	123	0.00

(#) = Out of Range

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