

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022119\
 Data File : VF061693.D
 Acq On : 21 Feb 2019 12:33
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 22 03:33:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 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	130	-0.01
2 T	Dichlorodifluoromethane	50.000	45.052	9.9	130	0.00
3 P	Chloromethane	50.000	44.172	11.7	118	0.00
4 C	Vinyl Chloride	50.000	46.888	6.2#	126	0.00
5 T	Bromomethane	50.000	48.085	3.8	121	0.02
6 T	Chloroethane	50.000	46.575	6.8	124	0.00
7 T	Trichlorofluoromethane	50.000	47.479	5.0	128	0.00
8 T	Diethyl Ether	50.000	41.844	16.3	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.392	7.2	127	-0.01
10 T	Methyl Iodide	50.000	46.317	7.4	121	0.00
11 T	Tert butyl alcohol	250.000	218.457	12.6	116	0.00
12 CM	1,1-Dichloroethene	50.000	49.055	1.9#	131	0.00
13 T	Acrolein	250.000	239.831	4.1	120	0.00
14 T	Allyl chloride	50.000	46.845	6.3	120	0.00
15 T	Acrylonitrile	250.000	205.913	17.6	111	-0.01
16 T	Acetone	250.000	243.937	2.4	125	0.00
17 T	Carbon Disulfide	50.000	46.483	7.0	123	0.00
18 T	Methyl Acetate	50.000	42.959	14.1	126	0.00
19 T	Methyl tert-butyl Ether	50.000	46.881	6.2	124	0.00
20 T	Methylene Chloride	50.000	48.994	2.0	131	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.966	12.1	117	0.00
22 T	Diisopropyl ether	50.000	46.416	7.2	124	0.00
23 T	Vinyl Acetate	250.000	216.253	13.5	116	-0.01
24 P	1,1-Dichloroethane	50.000	46.959	6.1	128	0.00
25 T	2-Butanone	250.000	226.284	9.5	122	0.00
26 T	2,2-Dichloropropane	50.000	55.203	-10.4	147	-0.01
27 T	cis-1,2-Dichloroethene	50.000	44.792	10.4	120	0.00
28 T	Bromochloromethane	50.000	46.518	7.0	114	0.00
29	Tetrahydrofuran	250.000	203.706	18.5	111	-0.01
30 C	Chloroform	50.000	45.865	8.3#	119	-0.01
31 T	Cyclohexane	50.000	46.639	6.7	125	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.255	-2.5	126	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.135	-0.3	128	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	121	0.00
35 S	Dibromofluoromethane	50.000	52.997	-6.0	133	0.00
36 T	1,1-Dichloropropene	50.000	50.583	-1.2	130	-0.01
37 T	Ethyl Acetate	50.000	43.334	13.3	117	-0.01
38 T	Carbon Tetrachloride	50.000	51.339	-2.7	133	-0.01
39 T	Methylcyclohexane	50.000	52.514	-5.0	131	0.00
40 TM	Benzene	50.000	50.186	-0.4	126	0.00
41 T	Methacrylonitrile	50.000	43.855	12.3	111	-0.01
42 TM	1,2-Dichloroethane	50.000	50.248	-0.5	124	-0.01
43 T	Isopropyl Acetate	50.000	44.387	11.2	118	0.00
44 TM	Trichloroethene	50.000	46.720	6.6	120	0.00
45 C	1,2-Dichloropropane	50.000	50.333	-0.7#	124	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.113	3.8	115	-0.01
47 T	Bromodichloromethane	50.000	49.068	1.9	119	-0.01
48 T	Methyl methacrylate	50.000	47.263	5.5	118	0.00
49 T	1,4-Dioxane	1000.000	876.492	12.4	105	0.00
50 S	Toluene-d8	50.000	54.977	-10.0	131	0.00
51 T	4-Methyl-2-Pentanone	250.000	213.520	14.6	108	-0.01
52 CM	Toluene	50.000	47.160	5.7#	125	0.00
53 T	t-1,3-Dichloropropene	50.000	50.586	-1.2	128	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.834	-3.7	131	-0.01
55 T	1,1,2-Trichloroethane	50.000	47.716	4.6	116	0.00
56 T	Ethyl methacrylate	50.000	47.182	5.6	121	0.00
57 T	1,3-Dichloropropane	50.000	49.003	2.0	123	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	216.445	13.4	112	0.00
59 T	2-Hexanone	250.000	222.894	10.8	114	0.00
60 T	Dibromochloromethane	50.000	49.557	0.9	121	0.00
61 T	1,2-Dibromoethane	50.000	46.118	7.8	115	-0.01
62 S	4-Bromofluorobenzene	50.000	51.777	-3.6	132	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	-0.01
64 T	Tetrachloroethene	50.000	53.232	-6.5	129	0.00
65 PM	Chlorobenzene	50.000	50.187	-0.4	123	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.039	-2.1	124	0.00
67 C	Ethyl Benzene	50.000	52.156	-4.3#	131	0.00
68 T	m/p-Xylenes	100.000	104.286	-4.3	130	-0.01
69 T	o-Xylene	50.000	52.015	-4.0	124	-0.01
70 T	Styrene	50.000	49.579	0.8	123	0.00
71 P	Bromoform	50.000	46.590	6.8	111	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	49.013	2.0	121	0.00
74 T	N-amyl acetate	50.000	46.032	7.9	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.204	11.6	109	0.00
76 T	1,2,3-Trichloropropane	50.000	43.221	13.6	106	0.00
77 T	Bromobenzene	50.000	49.342	1.3	126	0.00
78 T	n-propylbenzene	50.000	49.653	0.7	124	0.00
79 T	2-Chlorotoluene	50.000	50.507	-1.0	122	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.951	-1.9	125	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.705	14.6	101	0.00
82 T	4-Chlorotoluene	50.000	48.095	3.8	120	0.00
83 T	tert-Butylbenzene	50.000	50.541	-1.1	120	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.741	0.5	125	0.00
85 T	sec-Butylbenzene	50.000	50.197	-0.4	122	0.00
86 T	p-Isopropyltoluene	50.000	51.148	-2.3	127	0.00
87 T	1,3-Dichlorobenzene	50.000	47.591	4.8	122	0.00
88 T	1,4-Dichlorobenzene	50.000	47.969	4.1	122	0.00
89 T	n-Butylbenzene	50.000	50.932	-1.9	126	0.00

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90 T	Hexachloroethane	50.000	53.255	-6.5	125	0.00
91 T	1,2-Dichlorobenzene	50.000	47.522	5.0	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.451	11.1	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.433	3.1	122	0.00
94 T	Hexachlorobutadiene	50.000	53.152	-6.3	131	0.00
95 T	Naphthalene	50.000	46.535	6.9	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.873	2.3	117	0.00

(#) = Out of Range

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