

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052819\
 Data File : VF062753.D
 Acq On : 28 May 2019 10:52
 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: May 29 01:54:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 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	114	0.00
2 T	Dichlorodifluoromethane	50.000	41.065	17.9	93	0.00
3 P	Chloromethane	50.000	42.801	14.4	91	0.00
4 C	Vinyl Chloride	50.000	44.838	10.3#	92	0.00
5 T	Bromomethane	50.000	49.250	1.5	104	0.00
6 T	Chloroethane	50.000	44.834	10.3	86	0.02
7 T	Trichlorofluoromethane	50.000	47.591	4.8	98	0.00
8 T	Diethyl Ether	50.000	50.949	-1.9	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.255	9.5	95	0.00
10 T	Methyl Iodide	50.000	48.280	3.4	101	0.00
11 T	Tert butyl alcohol	250.000	262.366	-4.9	118	0.00
12 CM	1,1-Dichloroethene	50.000	45.643	8.7#	96	0.00
13 T	Acrolein	250.000	245.648	1.7	100	0.00
14 T	Allyl chloride	50.000	53.920	-7.8	110	0.00
15 T	Acrylonitrile	250.000	447.631	-79.1#	212	0.00
16 T	Acetone	250.000	284.846	-13.9	116	0.00
17 T	Carbon Disulfide	50.000	44.354	11.3	90	0.00
18 T	Methyl Acetate	50.000	53.235	-6.5	122	0.00
19 T	Methyl tert-butyl Ether	50.000	55.053	-10.1	115	0.00
20 T	Methylene Chloride	50.000	45.178	9.6	102	-0.04
21 T	trans-1,2-Dichloroethene	50.000	48.625	2.8	102	0.00
22 T	Diisopropyl ether	50.000	49.714	0.6	110	0.00
23 T	Vinyl Acetate	250.000	258.860	-3.5	111	0.00
24 P	1,1-Dichloroethane	50.000	51.865	-3.7	110	0.00
25 T	2-Butanone	250.000	267.591	-7.0	111	0.00
26 T	2,2-Dichloropropane	50.000	56.763	-13.5	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.964	-3.9	112	0.00
28 T	Bromochloromethane	50.000	46.054	7.9	114	0.00
29	Tetrahydrofuran	250.000	246.492	1.4	113	0.00
30 C	Chloroform	50.000	50.411	-0.8#	106	0.00
31 T	Cyclohexane	50.000	48.661	2.7	102	0.00
32 T	1,1,1-Trichloroethane	50.000	49.046	1.9	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.194	11.6	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	44.043	11.9	104	0.00
36 T	1,1-Dichloropropene	50.000	48.463	3.1	103	0.00
37 T	Ethyl Acetate	50.000	50.710	-1.4	120	0.00
38 T	Carbon Tetrachloride	50.000	46.888	6.2	90	0.00
39 T	Methylcyclohexane	50.000	54.254	-8.5	113	0.00
40 TM	Benzene	50.000	51.454	-2.9	113	0.00
41 T	Methacrylonitrile	50.000	51.927	-3.9	114	0.00
42 TM	1,2-Dichloroethane	50.000	50.388	-0.8	106	0.00
43 T	Isopropyl Acetate	50.000	51.855	-3.7	122	0.00
44 TM	Trichloroethene	50.000	54.542	-9.1	118	0.00
45 C	1,2-Dichloropropane	50.000	52.577	-5.2#	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.357	-10.7	121	0.00
47 T	Bromodichloromethane	50.000	55.645	-11.3	119	0.00
48 T	Methyl methacrylate	50.000	52.476	-5.0	114	0.00
49 T	1,4-Dioxane	1000.000	1015.835	-1.6	111	0.00
50 S	Toluene-d8	50.000	46.627	6.7	111	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.160	-9.7	132	0.00
52 CM	Toluene	50.000	53.767	-7.5#	119	0.00
53 T	t-1,3-Dichloropropene	50.000	56.821	-13.6	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.668	-15.3	126	0.00
55 T	1,1,2-Trichloroethane	50.000	58.729	-17.5	134	0.00
56 T	Ethyl methacrylate	50.000	54.936	-9.9	133	0.00
57 T	1,3-Dichloropropane	50.000	56.552	-13.1	126	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.906	-12.0	125	0.00
59 T	2-Hexanone	250.000	326.277	-30.5#	138	0.00
60 T	Dibromochloromethane	50.000	60.484	-21.0	131	0.00
61 T	1,2-Dibromoethane	50.000	58.079	-16.2	131	0.00
62 S	4-Bromofluorobenzene	50.000	45.498	9.0	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64 T	Tetrachloroethene	50.000	53.428	-6.9	125	0.00
65 PM	Chlorobenzene	50.000	53.833	-7.7	121	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.113	-8.2	121	0.00
67 C	Ethyl Benzene	50.000	50.617	-1.2#	117	0.00
68 T	m/p-Xylenes	100.000	103.756	-3.8	116	0.00
69 T	o-Xylene	50.000	54.447	-8.9	125	0.00
70 T	Styrene	50.000	52.303	-4.6	120	0.00
71 P	Bromoform	50.000	60.448	-20.9	144	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	54.222	-8.4	120	0.00
74 T	N-amyl acetate	50.000	63.274	-26.5#	133	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.867	-11.7	123	0.00
76 T	1,2,3-Trichloropropane	50.000	55.211	-10.4	120	0.00
77 T	Bromobenzene	50.000	54.224	-8.4	114	0.00
78 T	n-propylbenzene	50.000	50.339	-0.7	109	0.00
79 T	2-Chlorotoluene	50.000	52.148	-4.3	115	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.113	-6.2	115	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	62.158	-24.3	131	0.00
82 T	4-Chlorotoluene	50.000	53.731	-7.5	114	0.00
83 T	tert-Butylbenzene	50.000	52.290	-4.6	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.961	-5.9	115	0.00
85 T	sec-Butylbenzene	50.000	52.389	-4.8	114	0.00
86 T	p-Isopropyltoluene	50.000	51.535	-3.1	112	0.00
87 T	1,3-Dichlorobenzene	50.000	52.067	-4.1	112	0.00
88 T	1,4-Dichlorobenzene	50.000	51.364	-2.7	112	0.00
89 T	n-Butylbenzene	50.000	49.063	1.9	107	0.00

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90 T	Hexachloroethane	50.000	55.237	-10.5	113	0.00
91 T	1,2-Dichlorobenzene	50.000	52.948	-5.9	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.802	-21.6	134	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.318	-8.6	120	0.00
94 T	Hexachlorobutadiene	50.000	51.912	-3.8	113	0.00
95 T	Naphthalene	50.000	54.496	-9.0	126	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.519	-7.0	116	0.00

(#) = Out of Range

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