

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF122818\
 Data File : VF061244.D
 Acq On : 28 Dec 2018 19:10
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 29 03:12:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 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	122	0.02
2 T	Dichlorodifluoromethane	50.000	37.700	24.6	91	0.02
3 P	Chloromethane	50.000	50.227	-0.5	123	0.00
4 C	Vinyl Chloride	50.000	47.928	4.1#	114	0.02
5 T	Bromomethane	50.000	47.851	4.3	114	0.02
6 T	Chloroethane	50.000	48.743	2.5	119	0.00
7 T	Trichlorofluoromethane	50.000	39.251	21.5	91	0.00
8 T	Diethyl Ether	50.000	50.428	-0.9	121	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.464	15.1	107	0.02
10 T	Methyl Iodide	50.000	45.717	8.6	115	0.00
11 T	Tert butyl alcohol	250.000	211.955	15.2	100	0.03
12 CM	1,1-Dichloroethene	50.000	45.895	8.2#	110	0.02
13 T	Acrolein	250.000	364.159	-45.7#	206	0.00
14 T	Allyl chloride	50.000	48.578	2.8	126	0.02
15 T	Acrylonitrile	250.000	277.525	-11.0	128	0.03
16 T	Acetone	250.000	166.095	33.6#	76	0.02
17 T	Carbon Disulfide	50.000	43.471	13.1	107	0.02
18 T	Methyl Acetate	50.000	46.368	7.3	126	0.02
19 T	Methyl tert-butyl Ether	50.000	42.299	15.4	103	0.02
20 T	Methylene Chloride	50.000	47.927	4.1	114	0.02
21 T	trans-1,2-Dichloroethene	50.000	43.457	13.1	114	0.02
22 T	Diisopropyl ether	50.000	51.045	-2.1	126	0.02
23 T	Vinyl Acetate	250.000	244.805	2.1	118	0.02
24 P	1,1-Dichloroethane	50.000	49.675	0.7	118	0.02
25 T	2-Butanone	250.000	232.976	6.8	113	0.03
26 T	2,2-Dichloropropane	50.000	44.572	10.9	110	0.03
27 T	cis-1,2-Dichloroethene	50.000	49.394	1.2	126	0.02
28 T	Bromochloromethane	50.000	52.485	-5.0	128	0.02
29	Tetrahydrofuran	250.000	248.584	0.6	125	0.02
30 C	Chloroform	50.000	43.813	12.4#	106	0.03
31 T	Cyclohexane	50.000	51.054	-2.1	128	0.03
32 T	1,1,1-Trichloroethane	50.000	39.595	20.8	100	0.04
33 S	1,2-Dichloroethane-d4	50.000	42.990	14.0	111	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.03
35 S	Dibromofluoromethane	50.000	48.659	2.7	119	0.02
36 T	1,1-Dichloropropene	50.000	48.336	3.3	109	0.03
37 T	Ethyl Acetate	50.000	53.161	-6.3	120	0.03
38 T	Carbon Tetrachloride	50.000	43.878	12.2	100	0.03
39 T	Methylcyclohexane	50.000	48.855	2.3	106	0.03
40 TM	Benzene	50.000	51.623	-3.2	119	0.03
41 T	Methacrylonitrile	50.000	50.352	-0.7	116	0.03
42 TM	1,2-Dichloroethane	50.000	44.414	11.2	100	0.02
43 T	Isopropyl Acetate	50.000	54.783	-9.6	129	0.03
44 TM	Trichloroethene	50.000	49.584	0.8	112	0.02
45 C	1,2-Dichloropropane	50.000	52.549	-5.1#	121	0.03

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.421	1.2	111	0.02
47 T	Bromodichloromethane	50.000	48.285	3.4	105	0.03
48 T	Methyl methacrylate	50.000	51.835	-3.7	116	0.02
49 T	1,4-Dioxane	1000.000	950.137	5.0	103	0.03
50 S	Toluene-d8	50.000	50.481	-1.0	119	0.02
51 T	4-Methyl-2-Pentanone	250.000	262.077	-4.8	121	0.02
52 CM	Toluene	50.000	51.419	-2.8#	121	0.02
53 T	t-1,3-Dichloropropene	50.000	47.103	5.8	110	0.02
54 T	cis-1,3-Dichloropropene	50.000	51.071	-2.1	119	0.02
55 T	1,1,2-Trichloroethane	50.000	52.112	-4.2	126	0.02
56 T	Ethyl methacrylate	50.000	53.954	-7.9	122	0.02
57 T	1,3-Dichloropropane	50.000	51.866	-3.7	122	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	211.464	15.4	100	0.03
59 T	2-Hexanone	250.000	257.815	-3.1	116	0.02
60 T	Dibromochloromethane	50.000	48.405	3.2	107	0.02
61 T	1,2-Dibromoethane	50.000	51.932	-3.9	118	0.02
62 S	4-Bromofluorobenzene	50.000	47.421	5.2	116	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.02
64 T	Tetrachloroethene	50.000	48.986	2.0	113	0.03
65 PM	Chlorobenzene	50.000	48.866	2.3	115	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	46.699	6.6	112	0.02
67 C	Ethyl Benzene	50.000	49.690	0.6#	116	0.03
68 T	m/p-Xylenes	100.000	98.429	1.6	116	0.02
69 T	o-Xylene	50.000	49.266	1.5	116	0.02
70 T	Styrene	50.000	55.766	-11.5	118	0.02
71 P	Bromoform	50.000	47.825	4.3	112	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.02
73 T	Isopropylbenzene	50.000	50.775	-1.5	107	0.02
74 T	N-amyl acetate	50.000	58.248	-16.5	126	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.367	-4.7	113	0.00
76 T	1,2,3-Trichloropropane	50.000	50.661	-1.3	109	0.00
77 T	Bromobenzene	50.000	50.398	-0.8	108	0.02
78 T	n-propylbenzene	50.000	52.529	-5.1	108	0.02
79 T	2-Chlorotoluene	50.000	50.175	-0.3	108	0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.358	3.3	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.958	-13.9	120	0.02
82 T	4-Chlorotoluene	50.000	48.736	2.5	109	0.02
83 T	tert-Butylbenzene	50.000	47.492	5.0	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.001	2.0	109	0.02
85 T	sec-Butylbenzene	50.000	51.015	-2.0	111	0.02
86 T	p-Isopropyltoluene	50.000	48.671	2.7	105	0.02
87 T	1,3-Dichlorobenzene	50.000	57.124	-14.2	110	0.00
88 T	1,4-Dichlorobenzene	50.000	30.380	39.2#	68	0.00
89 T	n-Butylbenzene	50.000	48.892	2.2	105	0.02

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90 T	Hexachloroethane	50.000	51.222	-2.4	109	0.02
91 T	1,2-Dichlorobenzene	50.000	49.465	1.1	106	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.266	3.5	99	0.02
93 T	1,2,4-Trichlorobenzene	50.000	48.513	3.0	106	0.02
94 T	Hexachlorobutadiene	50.000	49.351	1.3	105	0.02
95 T	Naphthalene	50.000	47.999	4.0	99	0.02
96 T	1,2,3-Trichlorobenzene	50.000	50.026	-0.1	101	0.02

(#) = Out of Range

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