

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF070718\
 Data File : VF059477.D
 Acq On : 7 Jul 2018 5:44
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF070718

Quant Time: Jul 07 06:41:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 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	120	0.00
2 T	Dichlorodifluoromethane	50.000	43.694	12.6	100	0.00
3 P	Chloromethane	50.000	49.353	1.3	120	0.00
4 C	Vinyl Chloride	50.000	51.160	-2.3#	126	0.00
5 T	Bromomethane	50.000	46.768	6.5	123	0.00
6 T	Chloroethane	50.000	48.530	2.9	120	0.00
7 T	Trichlorofluoromethane	50.000	47.120	5.8	101	0.00
8 T	Diethyl Ether	50.000	51.544	-3.1	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.123	9.8	104	0.00
10 T	Methyl Iodide	50.000	47.943	4.1	114	0.00
11 T	Tert butyl alcohol	250.000	228.509	8.6	98	0.00
12 CM	1,1-Dichloroethene	50.000	46.973	6.1#	110	0.00
13 T	Acrolein	250.000	197.754	20.9	101	0.00
14 T	Allyl chloride	50.000	49.434	1.1	123	0.00
15 T	Acrylonitrile	250.000	267.714	-7.1	128	0.00
16 T	Acetone	250.000	220.182	11.9	101	0.00
17 T	Carbon Disulfide	50.000	49.818	0.4	121	0.00
18 T	Methyl Acetate	50.000	42.971	14.1	113	0.00
19 T	Methyl tert-butyl Ether	50.000	44.652	10.7	106	0.00
20 T	Methylene Chloride	50.000	48.778	2.4	116	0.04
21 T	trans-1,2-Dichloroethene	50.000	46.435	7.1	115	0.00
22 T	Diisopropyl ether	50.000	49.591	0.8	124	0.00
23 T	Vinyl Acetate	250.000	255.495	-2.2	118	0.00
24 P	1,1-Dichloroethane	50.000	47.060	5.9	114	0.00
25 T	2-Butanone	250.000	260.031	-4.0	121	0.00
26 T	2,2-Dichloropropane	50.000	43.691	12.6	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	62.916	-25.8#	151	-0.01
28 T	Bromochloromethane	50.000	49.923	0.2	126	0.00
29	Tetrahydrofuran	250.000	249.346	0.3	117	0.00
30 C	Chloroform	50.000	45.121	9.8#	107	0.00
31 T	Cyclohexane	50.000	54.701	-9.4	128	0.00
32 T	1,1,1-Trichloroethane	50.000	44.627	10.7	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.712	8.6	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	-0.01
35 S	Dibromofluoromethane	50.000	47.633	4.7	116	0.00
36 T	1,1-Dichloropropene	50.000	50.120	-0.2	118	0.00
37 T	Ethyl Acetate	50.000	48.436	3.1	111	0.00
38 T	Carbon Tetrachloride	50.000	43.415	13.2	103	0.00
39 T	Methylcyclohexane	50.000	54.084	-8.2	118	0.00
40 TM	Benzene	50.000	50.153	-0.3	122	0.00
41 T	Methacrylonitrile	50.000	53.314	-6.6	119	0.00
42 TM	1,2-Dichloroethane	50.000	43.366	13.3	102	-0.01
43 T	Isopropyl Acetate	50.000	54.273	-8.5	128	0.00
44 TM	Trichloroethene	50.000	47.664	4.7	110	0.00
45 C	1,2-Dichloropropane	50.000	48.498	3.0#	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.308	3.4	109	0.00
47 T	Bromodichloromethane	50.000	47.274	5.5	110	0.00
48 T	Methyl methacrylate	50.000	52.090	-4.2	116	0.00
49 T	1,4-Dioxane	1000.000	1278.226	-27.8#	127	0.00
50 S	Toluene-d8	50.000	51.241	-2.5	120	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.865	3.7	108	0.00
52 CM	Toluene	50.000	47.181	5.6#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	43.826	12.3	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.687	2.6	109	0.00
55 T	1,1,2-Trichloroethane	50.000	46.448	7.1	104	0.00
56 T	Ethyl methacrylate	50.000	52.219	-4.4	117	0.00
57 T	1,3-Dichloropropane	50.000	48.008	4.0	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	220.183	11.9	101	0.00
59 T	2-Hexanone	250.000	262.983	-5.2	113	0.00
60 T	Dibromochloromethane	50.000	47.152	5.7	106	0.00
61 T	1,2-Dibromoethane	50.000	47.065	5.9	105	-0.01
62 S	4-Bromofluorobenzene	50.000	46.176	7.6	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	0.00
64 T	Tetrachloroethene	50.000	50.202	-0.4	112	0.00
65 PM	Chlorobenzene	50.000	48.345	3.3	109	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	46.687	6.6	106	-0.01
67 C	Ethyl Benzene	50.000	49.067	1.9#	112	-0.01
68 T	m/p-Xylenes	100.000	98.845	1.2	116	0.00
69 T	o-Xylene	50.000	49.397	1.2	110	0.00
70 T	Styrene	50.000	48.311	3.4	109	0.00
71 P	Bromoform	50.000	47.367	5.3	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	53.658	-7.3	104	0.00
74 T	N-amyl acetate	50.000	60.306	-20.6	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.304	-2.6	101	0.00
76 T	1,2,3-Trichloropropane	50.000	50.279	-0.6	99	0.00
77 T	Bromobenzene	50.000	50.692	-1.4	104	0.00
78 T	n-propylbenzene	50.000	50.886	-1.8	103	0.00
79 T	2-Chlorotoluene	50.000	51.662	-3.3	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.794	-7.6	104	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	51.371	-2.7	102	0.00
82 T	4-Chlorotoluene	50.000	50.825	-1.7	104	0.00
83 T	tert-Butylbenzene	50.000	52.438	-4.9	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.490	-3.0	104	0.00
85 T	sec-Butylbenzene	50.000	51.221	-2.4	99	0.00
86 T	p-Isopropyltoluene	50.000	53.095	-6.2	103	0.00
87 T	1,3-Dichlorobenzene	50.000	48.309	3.4	100	0.00
88 T	1,4-Dichlorobenzene	50.000	49.296	1.4	100	0.00
89 T	n-Butylbenzene	50.000	51.304	-2.6	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.364	1.3	99	0.00
91 T	1,2-Dichlorobenzene	50.000	49.123	1.8	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.929	-1.9	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.191	-4.4	103	0.00
94 T	Hexachlorobutadiene	50.000	51.287	-2.6	98	0.00
95 T	Naphthalene	50.000	57.787	-15.6	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.158	-6.3	102	0.00

(#) = Out of Range

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