

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF062118\
 Data File : VF059270.D
 Acq On : 21 Jun 2018 19:32
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVV062118

Quant Time: Jun 22 07:15:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 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	113	0.00
2 T	Dichlorodifluoromethane	50.000	43.514	13.0	102	0.00
3 P	Chloromethane	50.000	49.307	1.4	116	0.00
4 C	Vinyl Chloride	50.000	48.753	2.5#	110	0.00
5 T	Bromomethane	50.000	41.128	17.7	102	0.00
6 T	Chloroethane	50.000	46.170	7.7	103	0.00
7 T	Trichlorofluoromethane	50.000	46.819	6.4	100	0.00
8 T	Diethyl Ether	50.000	48.075	3.8	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.209	9.6	108	0.00
10 T	Methyl Iodide	50.000	48.067	3.9	113	0.00
11 T	Tert butyl alcohol	250.000	267.375	-7.0	133	0.00
12 CM	1,1-Dichloroethene	50.000	49.551	0.9#	122	0.00
13 T	Acrolein	250.000	244.640	2.1	118	0.00
14 T	Allyl chloride	50.000	48.089	3.8	117	0.00
15 T	Acrylonitrile	250.000	366.989	-46.8#	177	0.00
16 T	Acetone	250.000	234.368	6.3	111	0.00
17 T	Carbon Disulfide	50.000	48.722	2.6	116	0.00
18 T	Methyl Acetate	50.000	50.531	-1.1	124	0.00
19 T	Methyl tert-butyl Ether	50.000	49.993	0.0	116	0.00
20 T	Methylene Chloride	50.000	51.174	-2.3	119	-0.04
21 T	trans-1,2-Dichloroethene	50.000	51.457	-2.9	118	0.00
22 T	Diisopropyl ether	50.000	52.758	-5.5	124	0.00
23 T	Vinyl Acetate	250.000	261.250	-4.5	120	0.00
24 P	1,1-Dichloroethane	50.000	47.893	4.2	116	0.00
25 T	2-Butanone	250.000	246.346	1.5	117	0.00
26 T	2,2-Dichloropropane	50.000	47.447	5.1	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.536	0.9	114	0.00
28 T	Bromochloromethane	50.000	51.372	-2.7	118	0.00
29	Tetrahydrofuran	250.000	244.525	2.2	120	-0.02
30 C	Chloroform	50.000	46.706	6.6#	112	0.00
31 T	Cyclohexane	50.000	50.191	-0.4	116	0.00
32 T	1,1,1-Trichloroethane	50.000	42.795	14.4	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.711	4.6	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	128	0.00
35 S	Dibromofluoromethane	50.000	41.639	16.7	111	0.00
36 T	1,1-Dichloropropene	50.000	46.297	7.4	118	0.00
37 T	Ethyl Acetate	50.000	43.914	12.2	119	0.00
38 T	Carbon Tetrachloride	50.000	41.912	16.2	105	0.00
39 T	Methylcyclohexane	50.000	46.674	6.7	122	-0.02
40 TM	Benzene	50.000	43.723	12.6	112	0.00
41 T	Methacrylonitrile	50.000	47.666	4.7	122	0.00
42 TM	1,2-Dichloroethane	50.000	43.046	13.9	104	0.00
43 T	Isopropyl Acetate	50.000	47.487	5.0	117	0.00
44 TM	Trichloroethene	50.000	43.942	12.1	108	0.00
45 C	1,2-Dichloropropane	50.000	44.912	10.2#	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	44.422	11.2	112	0.00
47 T	Bromodichloromethane	50.000	43.913	12.2	109	0.00
48 T	Methyl methacrylate	50.000	49.335	1.3	120	0.00
49 T	1,4-Dioxane	1000.000	1095.750	-9.6	147	0.00
50 S	Toluene-d8	50.000	43.505	13.0	113	0.00
51 T	4-Methyl-2-Pentanone	250.000	231.198	7.5	116	0.00
52 CM	Toluene	50.000	41.045	17.9#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	42.841	14.3	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	44.963	10.1	111	0.00
55 T	1,1,2-Trichloroethane	50.000	43.149	13.7	107	0.00
56 T	Ethyl methacrylate	50.000	48.456	3.1	114	0.00
57 T	1,3-Dichloropropane	50.000	46.603	6.8	117	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	200.386	19.8	102	0.00
59 T	2-Hexanone	250.000	237.442	5.0	121	0.00
60 T	Dibromochloromethane	50.000	45.184	9.6	108	0.00
61 T	1,2-Dibromoethane	50.000	46.302	7.4	114	0.00
62 S	4-Bromofluorobenzene	50.000	40.478	19.0	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	51.548	-3.1	109	0.00
65 PM	Chlorobenzene	50.000	49.191	1.6	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.746	-3.5	114	0.00
67 C	Ethyl Benzene	50.000	51.265	-2.5#	111	0.00
68 T	m/p-Xylenes	100.000	100.861	-0.9	105	0.00
69 T	o-Xylene	50.000	49.763	0.5	102	0.00
70 T	Styrene	50.000	51.226	-2.5	109	0.00
71 P	Bromoform	50.000	51.412	-2.8	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.848	-3.7	107	0.00
74 T	N-amyl acetate	50.000	58.451	-16.9	122	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.915	-3.8	111	0.00
76 T	1,2,3-Trichloropropane	50.000	53.257	-6.5	112	0.00
77 T	Bromobenzene	50.000	50.375	-0.8	105	0.00
78 T	n-propylbenzene	50.000	49.348	1.3	102	0.00
79 T	2-Chlorotoluene	50.000	48.910	2.2	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.727	-1.5	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.162	1.7	101	0.00
82 T	4-Chlorotoluene	50.000	49.304	1.4	103	0.00
83 T	tert-Butylbenzene	50.000	49.717	0.6	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.405	3.2	100	0.00
85 T	sec-Butylbenzene	50.000	49.981	0.0	105	0.00
86 T	p-Isopropyltoluene	50.000	51.796	-3.6	104	0.00
87 T	1,3-Dichlorobenzene	50.000	49.228	1.5	103	0.00
88 T	1,4-Dichlorobenzene	50.000	50.473	-0.9	105	0.00
89 T	n-Butylbenzene	50.000	50.176	-0.4	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.020	2.0	103	0.00
91 T	1,2-Dichlorobenzene	50.000	49.320	1.4	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.000	0.0	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.199	-0.4	100	0.00
94 T	Hexachlorobutadiene	50.000	49.684	0.6	100	0.00
95 T	Naphthalene	50.000	54.518	-9.0	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.828	-5.7	103	0.00

(#) = Out of Range

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