

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100918\
 Data File : VF060497.D
 Acq On : 9 Oct 2018 18:36
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100918

Quant Time: Oct 10 02:34:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 10 02:28:46 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	112	0.00
2 T	Dichlorodifluoromethane	50.000	50.514	-1.0	107	0.00
3 P	Chloromethane	50.000	47.258	5.5	107	0.00
4 C	Vinyl Chloride	50.000	46.868	6.3#	105	0.00
5 T	Bromomethane	50.000	49.537	0.9	107	0.00
6 T	Chloroethane	50.000	49.543	0.9	114	0.00
7 T	Trichlorofluoromethane	50.000	47.003	6.0	99	0.00
8 T	Diethyl Ether	50.000	50.438	-0.9	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.903	6.2	104	0.00
10 T	Methyl Iodide	50.000	47.845	4.3	105	0.00
11 T	Tert butyl alcohol	250.000	258.903	-3.6	114	0.00
12 CM	1,1-Dichloroethene	50.000	45.128	9.7#	99	0.00
13 T	Acrolein	250.000	280.693	-12.3	128	0.00
14 T	Allyl chloride	50.000	55.129	-10.3	126	0.00
15 T	Acrylonitrile	250.000	234.137	6.3	110	0.00
16 T	Acetone	250.000	243.405	2.6	103	0.00
17 T	Carbon Disulfide	50.000	47.069	5.9	107	0.01
18 T	Methyl Acetate	50.000	54.893	-9.8	116	0.00
19 T	Methyl tert-butyl Ether	50.000	49.584	0.8	104	0.00
20 T	Methylene Chloride	50.000	48.438	3.1	114	-0.04
21 T	trans-1,2-Dichloroethene	50.000	50.216	-0.4	105	0.00
22 T	Diisopropyl ether	50.000	51.174	-2.3	108	0.00
23 T	Vinyl Acetate	250.000	250.905	-0.4	110	0.00
24 P	1,1-Dichloroethane	50.000	49.032	1.9	105	0.00
25 T	2-Butanone	250.000	234.397	6.2	108	0.00
26 T	2,2-Dichloropropane	50.000	43.909	12.2	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.121	-2.2	112	0.00
28 T	Bromochloromethane	50.000	45.713	8.6	106	0.00
29	Tetrahydrofuran	250.000	239.216	4.3	112	0.00
30 C	Chloroform	50.000	47.651	4.7#	105	0.00
31 T	Cyclohexane	50.000	49.415	1.2	112	0.00
32 T	1,1,1-Trichloroethane	50.000	48.085	3.8	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.800	8.4	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	50.682	-1.4	103	0.00
36 T	1,1-Dichloropropene	50.000	50.082	-0.2	103	0.00
37 T	Ethyl Acetate	50.000	50.092	-0.2	104	0.00
38 T	Carbon Tetrachloride	50.000	51.084	-2.2	101	0.00
39 T	Methylcyclohexane	50.000	50.414	-0.8	101	0.00
40 TM	Benzene	50.000	53.165	-6.3	113	0.00
41 T	Methacrylonitrile	50.000	49.976	0.0	105	0.00
42 TM	1,2-Dichloroethane	50.000	48.465	3.1	96	0.00
43 T	Isopropyl Acetate	50.000	52.265	-4.5	110	0.00
44 TM	Trichloroethene	50.000	54.081	-8.2	110	0.00
45 C	1,2-Dichloropropane	50.000	54.596	-9.2#	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.589	2.8	96	0.00
47 T	Bromodichloromethane	50.000	52.042	-4.1	102	0.00
48 T	Methyl methacrylate	50.000	50.441	-0.9	99	0.00
49 T	1,4-Dioxane	1000.000	1055.108	-5.5	97	0.00
50 S	Toluene-d8	50.000	52.478	-5.0	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.591	-4.6	111	0.00
52 CM	Toluene	50.000	49.138	1.7#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	50.197	-0.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.002	-6.0	106	0.00
55 T	1,1,2-Trichloroethane	50.000	49.714	0.6	100	0.00
56 T	Ethyl methacrylate	50.000	53.048	-6.1	113	0.00
57 T	1,3-Dichloropropane	50.000	51.135	-2.3	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.230	3.9	98	0.00
59 T	2-Hexanone	250.000	276.825	-10.7	126	0.00
60 T	Dibromochloromethane	50.000	51.507	-3.0	105	0.00
61 T	1,2-Dibromoethane	50.000	51.625	-3.3	104	0.00
62 S	4-Bromofluorobenzene	50.000	49.798	0.4	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64 T	Tetrachloroethene	50.000	49.407	1.2	104	0.00
65 PM	Chlorobenzene	50.000	50.679	-1.4	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.681	2.6	104	0.00
67 C	Ethyl Benzene	50.000	51.386	-2.8#	108	0.00
68 T	m/p-Xylenes	100.000	102.629	-2.6	113	0.00
69 T	o-Xylene	50.000	49.367	1.3	103	0.00
70 T	Styrene	50.000	50.864	-1.7	113	0.00
71 P	Bromoform	50.000	49.796	0.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	54.744	-9.5	107	0.00
74 T	N-amyl acetate	50.000	59.666	-19.3	122	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.490	-7.0	107	0.00
76 T	1,2,3-Trichloropropane	50.000	49.970	0.1	99	0.00
77 T	Bromobenzene	50.000	50.984	-2.0	101	0.00
78 T	n-propylbenzene	50.000	52.358	-4.7	105	0.00
79 T	2-Chlorotoluene	50.000	51.451	-2.9	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.752	-3.5	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.115	-10.2	111	0.00
82 T	4-Chlorotoluene	50.000	50.724	-1.4	99	0.00
83 T	tert-Butylbenzene	50.000	51.747	-3.5	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.799	-1.6	100	0.00
85 T	sec-Butylbenzene	50.000	51.491	-3.0	101	0.00
86 T	p-Isopropyltoluene	50.000	51.345	-2.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	49.896	0.2	100	0.00
88 T	1,4-Dichlorobenzene	50.000	52.017	-4.0	103	0.00
89 T	n-Butylbenzene	50.000	52.748	-5.5	102	0.00

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90 T	Hexachloroethane	50.000	53.521	-7.0	101	0.00
91 T	1,2-Dichlorobenzene	50.000	50.909	-1.8	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.886	0.2	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.959	0.1	102	0.00
94 T	Hexachlorobutadiene	50.000	51.431	-2.9	98	0.00
95 T	Naphthalene	50.000	53.831	-7.7	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.374	-2.7	98	0.00

(#) = Out of Range

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