

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF102618\
 Data File : VF060514.D
 Acq On : 26 Oct 2018 11:01
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF102518

Quant Time: Oct 27 02:03:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 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	149	-0.02
2 T	Dichlorodifluoromethane	50.000	37.405	25.2#	115	0.00
3 P	Chloromethane	50.000	46.088	7.8	155	0.00
4 C	Vinyl Chloride	50.000	42.687	14.6#	137	0.00
5 T	Bromomethane	50.000	37.344	25.3#	118	0.01
6 T	Chloroethane	50.000	40.961	18.1	129	0.00
7 T	Trichlorofluoromethane	50.000	37.186	25.6#	112	0.00
8 T	Diethyl Ether	50.000	46.333	7.3	145	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	40.311	19.4	130	0.00
10 T	Methyl Iodide	50.000	42.579	14.8	135	-0.01
11 T	Tert butyl alcohol	250.000	213.939	14.4	137	0.00
12 CM	1,1-Dichloroethene	50.000	42.361	15.3#	134	0.00
13 T	Acrolein	250.000	230.717	7.7	144	-0.01
14 T	Allyl chloride	50.000	45.337	9.3	143	-0.01
15 T	Acrylonitrile	250.000	240.802	3.7	166	-0.01
16 T	Acetone	250.000	281.062	-12.4	164	0.00
17 T	Carbon Disulfide	50.000	42.869	14.3	145	-0.04
18 T	Methyl Acetate	50.000	45.546	8.9	141	-0.01
19 T	Methyl tert-butyl Ether	50.000	41.853	16.3	127	-0.01
20 T	Methylene Chloride	50.000	47.805	4.4	143	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.158	11.7	145	-0.01
22 T	Diisopropyl ether	50.000	44.992	10.0	137	-0.02
23 T	Vinyl Acetate	250.000	236.533	5.4	146	-0.01
24 P	1,1-Dichloroethane	50.000	43.283	13.4	133	-0.01
25 T	2-Butanone	250.000	292.813	-17.1	195	-0.01
26 T	2,2-Dichloropropane	50.000	43.759	12.5	133	-0.01
27 T	cis-1,2-Dichloroethene	50.000	52.304	-4.6	157	-0.01
28 T	Bromochloromethane	50.000	45.976	8.0	147	-0.01
29	Tetrahydrofuran	250.000	274.401	-9.8	167	-0.04
30 C	Chloroform	50.000	44.465	11.1#	138	-0.01
31 T	Cyclohexane	50.000	50.393	-0.8	167	-0.02
32 T	1,1,1-Trichloroethane	50.000	42.482	15.0	129	-0.01
33 S	1,2-Dichloroethane-d4	50.000	44.069	11.9	131	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	163	-0.01
35 S	Dibromofluoromethane	50.000	42.535	14.9	141	-0.01
36 T	1,1-Dichloropropene	50.000	42.253	15.5	148	-0.01
37 T	Ethyl Acetate	50.000	51.337	-2.7	155	-0.02
38 T	Carbon Tetrachloride	50.000	43.373	13.3	143	0.00
39 T	Methylcyclohexane	50.000	48.903	2.2	171	-0.01
40 TM	Benzene	50.000	47.438	5.1	167	-0.01
41 T	Methacrylonitrile	50.000	49.053	1.9	167	-0.02
42 TM	1,2-Dichloroethane	50.000	39.373	21.3	128	-0.01
43 T	Isopropyl Acetate	50.000	46.843	6.3	161	-0.01
44 TM	Trichloroethene	50.000	45.903	8.2	160	-0.02
45 C	1,2-Dichloropropane	50.000	50.083	-0.2#	171	-0.01

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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)
46 T	Dibromomethane	50.000	43.328	13.3	146	-0.01
47 T	Bromodichloromethane	50.000	41.961	16.1	137	-0.01
48 T	Methyl methacrylate	50.000	46.422	7.2	149	-0.01
49 T	1,4-Dioxane	1000.000	972.954	2.7	187	-0.02
50 S	Toluene-d8	50.000	49.842	0.3	164	-0.01
51 T	4-Methyl-2-Pentanone	250.000	229.316	8.3	150	-0.02
52 CM	Toluene	50.000	46.354	7.3#	162	-0.01
53 T	t-1,3-Dichloropropene	50.000	42.688	14.6	140	-0.01
54 T	cis-1,3-Dichloropropene	50.000	46.380	7.2	150	-0.01
55 T	1,1,2-Trichloroethane	50.000	46.110	7.8	144	-0.01
56 T	Ethyl methacrylate	50.000	49.185	1.6	163	-0.01
57 T	1,3-Dichloropropane	50.000	42.603	14.8	142	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	198.385	20.6	126	-0.01
59 T	2-Hexanone	250.000	254.663	-1.9	153	0.00
60 T	Dibromochloromethane	50.000	43.567	12.9	139	-0.01
61 T	1,2-Dibromoethane	50.000	42.954	14.1	137	-0.01
62 S	4-Bromofluorobenzene	50.000	39.899	20.2	131	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	144	-0.01
64 T	Tetrachloroethene	50.000	46.633	6.7	147	0.00
65 PM	Chlorobenzene	50.000	47.742	4.5	145	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	44.466	11.1	128	-0.01
67 C	Ethyl Benzene	50.000	45.574	8.9#	136	-0.01
68 T	m/p-Xylenes	100.000	90.616	9.4	134	-0.01
69 T	o-Xylene	50.000	46.212	7.6	141	0.00
70 T	Styrene	50.000	46.009	8.0	143	-0.01
71 P	Bromoform	50.000	41.216	17.6	125	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	52.994	-6.0	134	-0.01
74 T	N-amyl acetate	50.000	55.209	-10.4	143	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	54.740	-9.5	133	-0.01
76 T	1,2,3-Trichloropropane	50.000	47.347	5.3	120	-0.01
77 T	Bromobenzene	50.000	51.327	-2.7	131	0.00
78 T	n-propylbenzene	50.000	50.621	-1.2	127	-0.01
79 T	2-Chlorotoluene	50.000	49.902	0.2	124	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.074	-0.1	127	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.789	2.4	112	-0.01
82 T	4-Chlorotoluene	50.000	47.572	4.9	124	0.00
83 T	tert-Butylbenzene	50.000	50.209	-0.4	122	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.691	0.6	125	0.00
85 T	sec-Butylbenzene	50.000	49.007	2.0	125	-0.01
86 T	p-Isopropyltoluene	50.000	49.185	1.6	124	0.00
87 T	1,3-Dichlorobenzene	50.000	50.577	-1.2	133	0.00
88 T	1,4-Dichlorobenzene	50.000	50.038	-0.1	126	-0.01
89 T	n-Butylbenzene	50.000	48.929	2.1	126	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
90 T	Hexachloroethane	50.000	49.608	0.8	123	0.00
91 T	1,2-Dichlorobenzene	50.000	50.489	-1.0	128	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.064	-2.1	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.854	4.3	121	0.00
94 T	Hexachlorobutadiene	50.000	48.759	2.5	117	0.00
95 T	Naphthalene	50.000	54.333	-8.7	129	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.473	1.1	118	-0.01

(#) = Out of Range

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