

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF103018\
 Data File : VF060540.D
 Acq On : 30 Oct 2018 11:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 31 05:01:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 05:31:58 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	0.976	0.792	18.9	99	0.00
3 P	Chloromethane	0.577	0.500	13.3	97	0.00
4 C	Vinyl Chloride	0.599	0.573	4.3#	106	0.00
5 T	Bromomethane	0.471	0.496	-5.3	113	0.00
6 T	Chloroethane	0.312	0.311	0.3	112	0.00
7 T	Trichlorofluoromethane	1.444	1.435	0.6	105	0.00
8 T	Diethyl Ether	0.181	0.183	-1.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.702	0.684	2.6	110	0.00
10 T	Methyl Iodide	1.092	1.109	-1.6	110	0.00
11 T	Tert butyl alcohol	0.036	0.035	2.8	101	0.00
12 CM	1,1-Dichloroethene	0.562	0.537	4.4#	108	0.00
13 T	Acrolein	0.032	0.030	6.3	110	0.00
14 T	Allyl chloride	0.893	0.932	-4.4	114	0.00
15 T	Acrylonitrile	0.077	0.071	7.8	98	-0.02
16 T	Acetone	0.165	0.156	5.5	101	0.00
17 T	Carbon Disulfide	1.579	1.651	-4.6	112	-0.03
18 T	Methyl Acetate	0.241	0.246	-2.1	100	0.00
19 T	Methyl tert-butyl Ether	1.259	1.240	1.5	99	0.00
20 T	Methylene Chloride	0.582	0.492	15.5	103	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.563	2.1	108	0.00
22 T	Diisopropyl ether	1.623	1.707	-5.2	107	-0.02
23 T	Vinyl Acetate	0.602	0.582	3.3	93	0.00
24 P	1,1-Dichloroethane	1.171	1.125	3.9	105	0.00
25 T	2-Butanone	0.224	0.174	22.3	94	0.00
26 T	2,2-Dichloropropane	0.728	0.708	2.7	94	-0.02
27 T	cis-1,2-Dichloroethene	0.693	0.598	13.7	84	-0.02
28 T	Bromochloromethane	0.422	0.385	8.8	86	-0.02
29	Tetrahydrofuran	0.069	0.060	13.0	84	-0.02
30 C	Chloroform	1.479	1.377	6.9#	93	-0.02
31 T	Cyclohexane	0.836	0.771	7.8	94	0.00
32 T	1,1,1-Trichloroethane	1.223	1.185	3.1	95	0.00
33 S	1,2-Dichloroethane-d4	0.771	0.759	1.6	94	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.480	0.473	1.5	95	-0.02
36 T	1,1-Dichloropropene	0.623	0.578	7.2	90	-0.02
37 T	Ethyl Acetate	0.202	0.181	10.4	85	0.00
38 T	Carbon Tetrachloride	0.746	0.735	1.5	95	-0.02
39 T	Methylcyclohexane	0.629	0.577	8.3	89	0.00
40 TM	Benzene	1.236	1.180	4.5	90	0.00
41 T	Methacrylonitrile	0.115	0.108	6.1	89	0.00
42 TM	1,2-Dichloroethane	0.574	0.543	5.4	87	-0.02
43 T	Isopropyl Acetate	0.244	0.238	2.5	85	-0.02
44 TM	Trichloroethene	0.399	0.374	6.3	91	-0.02
45 C	1,2-Dichloropropane	0.308	0.301	2.3#	94	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.242	0.240	0.8	90	0.00
47 T	Bromodichloromethane	0.621	0.621	0.0	90	-0.02
48 T	Methyl methacrylate	0.168	0.162	3.6	80	-0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	91	-0.02
50 S	Toluene-d8	1.172	1.195	-2.0	92	-0.02
51 T	4-Methyl-2-Pentanone	0.177	0.171	3.4	88	-0.02
52 CM	Toluene	0.802	0.762	5.0#	87	-0.02
53 T	t-1,3-Dichloropropene	0.485	0.459	5.4	83	0.00
54 T	cis-1,3-Dichloropropene	0.575	0.579	-0.7	90	-0.02
55 T	1,1,2-Trichloroethane	0.240	0.233	2.9	84	-0.02
56 T	Ethyl methacrylate	0.270	0.259	4.1	81	-0.02
57 T	1,3-Dichloropropane	0.407	0.405	0.5	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.028	0.030	-7.1	100	-0.02
59 T	2-Hexanone	0.128	0.129	-0.8	94	0.00
60 T	Dibromochloromethane	0.387	0.379	2.1	85	-0.02
61 T	1,2-Dibromoethane	0.278	0.266	4.3	85	0.00
62 S	4-Bromofluorobenzene	0.540	0.528	2.2	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.02
64 T	Tetrachloroethene	0.423	0.406	4.0	85	-0.02
65 PM	Chlorobenzene	1.006	0.988	1.8	87	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.458	0.443	3.3	90	-0.02
67 C	Ethyl Benzene	1.922	1.865	3.0#	86	-0.02
68 T	m/p-Xylenes	0.656	0.631	3.8	87	0.00
69 T	o-Xylene	0.739	0.693	6.2	83	-0.02
70 T	Styrene	1.042	0.955	8.3	83	0.00
71 P	Bromoform	0.236	0.226	4.2	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.822	3.806	0.4	88	0.00
74 T	N-amyl acetate	0.765	0.753	1.6	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.638	0.580	9.1	75	-0.02
76 T	1,2,3-Trichloropropane	0.480	0.435	9.4	79	0.00
77 T	Bromobenzene	0.841	0.794	5.6	84	0.00
78 T	n-propylbenzene	4.533	4.431	2.3	88	0.00
79 T	2-Chlorotoluene	2.713	2.550	6.0	83	0.00
80 T	1,3,5-Trimethylbenzene	3.303	3.067	7.1	82	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.210	0.197	6.2	77	0.00
82 T	4-Chlorotoluene	2.813	2.671	5.0	85	0.00
83 T	tert-Butylbenzene	3.200	3.205	-0.2	89	0.00
84 T	1,2,4-Trimethylbenzene	3.355	3.185	5.1	87	-0.02
85 T	sec-Butylbenzene	4.485	4.215	6.0	86	0.00
86 T	p-Isopropyltoluene	3.681	3.505	4.8	86	0.00
87 T	1,3-Dichlorobenzene	1.679	1.560	7.1	86	0.00
88 T	1,4-Dichlorobenzene	1.584	1.520	4.0	86	0.00
89 T	n-Butylbenzene	3.900	3.625	7.1	84	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.950	0.914	3.8	85	0.00
91 T	1,2-Dichlorobenzene	1.581	1.487	5.9	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.113	14.4	72	0.00
93 T	1,2,4-Trichlorobenzene	1.185	1.117	5.7	85	0.00
94 T	Hexachlorobutadiene	0.839	0.798	4.9	85	0.00
95 T	Naphthalene	2.095	1.970	6.0	79	0.00
96 T	1,2,3-Trichlorobenzene	1.128	1.027	9.0	79	0.00

(#) = Out of Range

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