

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF110818\
 Data File : VF060646.D
 Acq On : 8 Nov 2018 12:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 09 12:42:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2 T	Dichlorodifluoromethane	0.598	0.529	11.5	110	0.00
3 P	Chloromethane	0.438	0.401	8.4	105	0.00
4 C	Vinyl Chloride	0.403	0.369	8.4#	99	0.00
5 T	Bromomethane	0.226	0.228	-0.9	107	-0.01
6 T	Chloroethane	0.167	0.155	7.2	101	-0.01
7 T	Trichlorofluoromethane	0.755	0.805	-6.6	116	0.00
8 T	Diethyl Ether	0.140	0.127	9.3	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.431	0.402	6.7	103	-0.01
10 T	Methyl Iodide	0.710	0.692	2.5	105	-0.02
11 T	Tert butyl alcohol	0.029	0.025	13.8	106	-0.01
12 CM	1,1-Dichloroethene	0.363	0.351	3.3#	107	0.00
13 T	Acrolein	0.021	0.017	19.0	106	0.00
14 T	Allyl chloride	0.593	0.645	-8.8	108	0.00
15 T	Acrylonitrile	0.060	0.052	13.3	96	-0.01
16 T	Acetone	0.119	0.123	-3.4	118	0.00
17 T	Carbon Disulfide	1.023	0.966	5.6	104	-0.07
18 T	Methyl Acetate	0.196	0.195	0.5	118	0.00
19 T	Methyl tert-butyl Ether	0.849	0.861	-1.4	118	-0.01
20 T	Methylene Chloride	0.450	0.351	22.0	103	-0.06
21 T	trans-1,2-Dichloroethene	0.381	0.378	0.8	107	0.00
22 T	Diisopropyl ether	1.257	1.317	-4.8	114	0.00
23 T	Vinyl Acetate	0.755	0.705	6.6	105	-0.01
24 P	1,1-Dichloroethane	0.727	0.765	-5.2	108	0.00
25 T	2-Butanone	0.282	0.232	17.7	110	-0.01
26 T	2,2-Dichloropropane	0.544	0.622	-14.3	125	0.00
27 T	cis-1,2-Dichloroethene	0.727	0.723	0.6	106	-0.01
28 T	Bromochloromethane	0.456	0.500	-9.6	115	0.00
29	Tetrahydrofuran	0.098	0.086	12.2	109	-0.02
30 C	Chloroform	1.151	1.241	-7.8#	114	0.00
31 T	Cyclohexane	1.004	1.036	-3.2	112	0.00
32 T	1,1,1-Trichloroethane	0.804	0.946	-17.7	122	0.00
33 S	1,2-Dichloroethane-d4	0.505	0.543	-7.5	109	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	-0.01
35 S	Dibromofluoromethane	0.386	0.381	1.3	107	-0.01
36 T	1,1-Dichloropropene	0.551	0.529	4.0	111	-0.01
37 T	Ethyl Acetate	0.264	0.219	17.0	102	-0.01
38 T	Carbon Tetrachloride	0.470	0.524	-11.5	132	-0.01
39 T	Methylcyclohexane	0.672	0.655	2.5	108	-0.01
40 TM	Benzene	1.336	1.290	3.4	110	0.00
41 T	Methacrylonitrile	0.150	0.129	14.0	103	-0.02
42 TM	1,2-Dichloroethane	0.384	0.401	-4.4	119	-0.01
43 T	Isopropyl Acetate	0.334	0.317	5.1	122	-0.01
44 TM	Trichloroethene	0.402	0.372	7.5	104	0.00
45 C	1,2-Dichloropropane	0.342	0.343	-0.3#	119	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.217	0.217	0.0	115	-0.01
47 T	Bromodichloromethane	0.523	0.528	-1.0	118	-0.01
48 T	Methyl methacrylate	0.210	0.202	3.8	120	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	105	-0.01
50 S	Toluene-d8	1.144	1.080	5.6	109	-0.01
51 T	4-Methyl-2-Pentanone	0.225	0.207	8.0	116	-0.01
52 CM	Toluene	0.871	0.824	5.4#	113	-0.01
53 T	t-1,3-Dichloropropene	0.455	0.402	11.6	106	-0.01
54 T	cis-1,3-Dichloropropene	0.574	0.562	2.1	112	-0.01
55 T	1,1,2-Trichloroethane	0.253	0.236	6.7	116	-0.01
56 T	Ethyl methacrylate	0.326	0.301	7.7	121	-0.01
57 T	1,3-Dichloropropane	0.444	0.415	6.5	116	-0.01
58 T	2-Chloroethyl Vinyl ether	0.024	0.022	8.3	116	-0.01
59 T	2-Hexanone	0.176	0.167	5.1	132	-0.01
60 T	Dibromochloromethane	0.354	0.326	7.9	108	0.00
61 T	1,2-Dibromoethane	0.266	0.248	6.8	111	-0.01
62 S	4-Bromofluorobenzene	0.501	0.478	4.6	109	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	-0.01
64 T	Tetrachloroethene	0.392	0.369	5.9	105	-0.01
65 PM	Chlorobenzene	1.022	0.995	2.6	111	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.432	0.421	2.5	111	-0.01
67 C	Ethyl Benzene	1.856	1.803	2.9#	109	0.00
68 T	m/p-Xylenes	0.699	0.634	9.3	107	-0.01
69 T	o-Xylene	0.763	0.734	3.8	109	-0.01
70 T	Styrene	1.106	1.052	4.9	111	-0.01
71 P	Bromoform	0.223	0.206	7.6	107	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73 T	Isopropylbenzene	3.899	3.790	2.8	110	-0.01
74 T	N-amyl acetate	1.133	1.084	4.3	124	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.712	0.722	-1.4	116	-0.01
76 T	1,2,3-Trichloropropane	0.350	0.327	6.6	111	0.00
77 T	Bromobenzene	0.853	0.872	-2.2	119	0.00
78 T	n-propylbenzene	4.562	4.500	1.4	116	0.00
79 T	2-Chlorotoluene	2.606	2.616	-0.4	115	-0.01
80 T	1,3,5-Trimethylbenzene	3.214	3.176	1.2	116	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.275	0.241	12.4	106	0.00
82 T	4-Chlorotoluene	2.718	2.604	4.2	115	0.00
83 T	tert-Butylbenzene	3.284	3.223	1.9	112	-0.01
84 T	1,2,4-Trimethylbenzene	3.148	3.129	0.6	116	0.00
85 T	sec-Butylbenzene	4.517	4.278	5.3	108	0.00
86 T	p-Isopropyltoluene	3.720	3.537	4.9	108	0.00
87 T	1,3-Dichlorobenzene	1.675	1.606	4.1	113	-0.01
88 T	1,4-Dichlorobenzene	1.588	1.556	2.0	112	-0.01
89 T	n-Butylbenzene	3.745	3.699	1.2	114	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.946	0.939	0.7	110	-0.01
91 T	1,2-Dichlorobenzene	1.567	1.548	1.2	114	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.124	0.125	-0.8	113	-0.01
93 T	1,2,4-Trichlorobenzene	1.064	1.055	0.8	114	-0.01
94 T	Hexachlorobutadiene	0.690	0.689	0.1	113	-0.01
95 T	Naphthalene	2.130	2.195	-3.1	121	-0.01
96 T	1,2,3-Trichlorobenzene	1.005	1.013	-0.8	113	-0.01

(#) = Out of Range

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