

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF112018\
 Data File : VF060802.D
 Acq On : 20 Nov 2018 13:08
 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 20 17:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 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	-0.01
2 T	Dichlorodifluoromethane	0.895	0.766	14.4	79	0.00
3 P	Chloromethane	0.555	0.528	4.9	88	-0.01
4 C	Vinyl Chloride	0.496	0.480	3.2#	88	0.00
5 T	Bromomethane	0.315	0.314	0.3	87	0.00
6 T	Chloroethane	0.194	0.213	-9.8	86	0.00
7 T	Trichlorofluoromethane	1.098	1.000	8.9	78	0.00
8 T	Diethyl Ether	0.141	0.152	-7.8	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.517	0.513	0.8	91	-0.01
10 T	Methyl Iodide	0.830	0.823	0.8	92	-0.01
11 T	Tert butyl alcohol	0.026	0.028	-7.7	97	-0.01
12 CM	1,1-Dichloroethene	0.408	0.421	-3.2#	99	0.00
13 T	Acrolein	0.024	0.025	-4.2	110	0.00
14 T	Allyl chloride	0.715	0.757	-5.9	100	-0.01
15 T	Acrylonitrile	0.055	0.063	-14.5	105	0.00
16 T	Acetone	0.122	0.140	-14.8	96	0.00
17 T	Carbon Disulfide	1.233	1.223	0.8	91	-0.02
18 T	Methyl Acetate	0.200	0.206	-3.0	96	0.00
19 T	Methyl tert-butyl Ether	0.979	1.024	-4.6	95	-0.01
20 T	Methylene Chloride	0.458	0.423	7.6	96	0.00
21 T	trans-1,2-Dichloroethene	0.426	0.450	-5.6	93	0.00
22 T	Diisopropyl ether	1.380	1.533	-11.1	102	0.00
23 T	Vinyl Acetate	0.650	0.738	-13.5	99	-0.01
24 P	1,1-Dichloroethane	0.835	0.827	1.0	94	-0.01
25 T	2-Butanone	0.201	0.212	-5.5	97	-0.01
26 T	2,2-Dichloropropane	0.657	0.631	4.0	90	-0.01
27 T	cis-1,2-Dichloroethene	0.725	0.719	0.8	91	0.00
28 T	Bromochloromethane	0.434	0.453	-4.4	99	-0.01
29	Tetrahydrofuran	0.083	0.090	-8.4	102	0.00
30 C	Chloroform	1.340	1.254	6.4#	85	-0.01
31 T	Cyclohexane	1.014	0.979	3.5	93	-0.02
32 T	1,1,1-Trichloroethane	1.055	0.949	10.0	83	-0.01
33 S	1,2-Dichloroethane-d4	0.570	0.510	10.5	88	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	-0.01
35 S	Dibromofluoromethane	0.376	0.339	9.8	91	-0.01
36 T	1,1-Dichloropropene	0.580	0.552	4.8	87	-0.01
37 T	Ethyl Acetate	0.216	0.213	1.4	92	0.00
38 T	Carbon Tetrachloride	0.563	0.485	13.9	81	0.00
39 T	Methylcyclohexane	0.673	0.635	5.6	86	-0.01
40 TM	Benzene	1.293	1.258	2.7	91	-0.01
41 T	Methacrylonitrile	0.131	0.128	2.3	97	0.00
42 TM	1,2-Dichloroethane	0.447	0.420	6.0	87	0.00
43 T	Isopropyl Acetate	0.286	0.289	-1.0	99	-0.01
44 TM	Trichloroethene	0.408	0.394	3.4	94	-0.01
45 C	1,2-Dichloropropane	0.336	0.332	1.2#	96	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.222	0.217	2.3	89	-0.01
47 T	Bromodichloromethane	0.567	0.525	7.4	81	0.00
48 T	Methyl methacrylate	0.189	0.192	-1.6	99	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	110	-0.01
50 S	Toluene-d8	1.085	0.939	13.5	94	0.00
51 T	4-Methyl-2-Pentanone	0.207	0.209	-1.0	98	-0.01
52 CM	Toluene	0.866	0.809	6.6#	89	-0.01
53 T	t-1,3-Dichloropropene	0.454	0.433	4.6	92	0.00
54 T	cis-1,3-Dichloropropene	0.590	0.562	4.7	96	-0.01
55 T	1,1,2-Trichloroethane	0.247	0.242	2.0	90	-0.01
56 T	Ethyl methacrylate	0.281	0.256	8.9	85	-0.01
57 T	1,3-Dichloropropane	0.429	0.426	0.7	96	-0.01
58 T	2-Chloroethyl Vinyl ether	0.026	0.025	3.8	87	-0.01
59 T	2-Hexanone	0.145	0.150	-3.4	103	-0.01
60 T	Dibromochloromethane	0.353	0.341	3.4	89	-0.01
61 T	1,2-Dibromoethane	0.260	0.269	-3.5	93	-0.01
62 S	4-Bromofluorobenzene	0.508	0.441	13.2	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	-0.01
64 T	Tetrachloroethene	0.396	0.376	5.1	85	-0.01
65 PM	Chlorobenzene	1.009	0.982	2.7	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.440	0.428	2.7	87	-0.01
67 C	Ethyl Benzene	1.902	1.788	6.0#	88	-0.01
68 T	m/p-Xylenes	0.680	0.639	6.0	90	0.00
69 T	o-Xylene	0.764	0.717	6.2	88	-0.01
70 T	Styrene	1.037	0.958	7.6	87	-0.01
71 P	Bromoform	0.198	0.194	2.0	86	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.025	4.098	-1.8	86	0.00
74 T	N-amyl acetate	0.916	0.989	-8.0	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.665	0.707	-6.3	88	0.00
76 T	1,2,3-Trichloropropane	0.494	0.489	1.0	91	0.00
77 T	Bromobenzene	0.838	0.873	-4.2	89	0.00
78 T	n-propylbenzene	4.694	4.638	1.2	91	0.00
79 T	2-Chlorotoluene	2.728	2.703	0.9	86	-0.01
80 T	1,3,5-Trimethylbenzene	3.195	3.208	-0.4	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.243	0.262	-7.8	93	-0.01
82 T	4-Chlorotoluene	2.795	2.744	1.8	87	0.00
83 T	tert-Butylbenzene	3.393	3.350	1.3	82	0.00
84 T	1,2,4-Trimethylbenzene	3.305	3.216	2.7	85	-0.01
85 T	sec-Butylbenzene	4.602	4.543	1.3	85	0.00
86 T	p-Isopropyltoluene	3.844	3.857	-0.3	85	-0.01
87 T	1,3-Dichlorobenzene	1.667	1.627	2.4	86	0.00
88 T	1,4-Dichlorobenzene	1.602	1.624	-1.4	86	0.00
89 T	n-Butylbenzene	3.923	3.782	3.6	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.940	0.958	-1.9	83	0.00
91 T	1,2-Dichlorobenzene	1.570	1.572	-0.1	88	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.125	0.129	-3.2	83	0.00
93 T	1,2,4-Trichlorobenzene	1.128	1.130	-0.2	84	0.00
94 T	Hexachlorobutadiene	0.737	0.753	-2.2	82	0.00
95 T	Naphthalene	2.059	2.161	-5.0	83	0.00
96 T	1,2,3-Trichlorobenzene	1.043	1.081	-3.6	82	0.00

(#) = Out of Range

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