

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011419\
 Data File : VF061384.D
 Acq On : 14 Jan 2019 12:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 14 21:46:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 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	101	-0.04
2 T	Dichlorodifluoromethane	0.922	0.970	-5.2	98	-0.02
3 P	Chloromethane	0.822	0.716	12.9	85	0.00
4 C	Vinyl Chloride	0.734	0.647	11.9#	81	0.00
5 T	Bromomethane	0.506	0.444	12.3	74	0.00
6 T	Chloroethane	0.358	0.305	14.8	75	0.00
7 T	Trichlorofluoromethane	1.244	1.229	1.2	89	0.00
8 T	Diethyl Ether	0.183	0.165	9.8	79	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.657	0.607	7.6	83	0.00
10 T	Methyl Iodide	1.029	0.936	9.0	83	0.03
11 T	Tert butyl alcohol	0.022	0.028	-27.3#	139	-0.03
12 CM	1,1-Dichloroethene	0.525	0.511	2.7#	87	0.02
13 T	Acrolein	0.028	0.026	7.1	97	-0.03
14 T	Allyl chloride	0.960	0.796	17.1	75	-0.02
15 T	Acrylonitrile	0.079	0.065	17.7	80	-0.03
16 T	Acetone	0.129	0.153	-18.6	119	-0.02
17 T	Carbon Disulfide	1.735	1.496	13.8	76	0.01
18 T	Methyl Acetate	0.255	0.230	9.8	87	-0.02
19 T	Methyl tert-butyl Ether	1.001	1.006	-0.5	87	-0.03
20 T	Methylene Chloride	0.548	0.469	14.4	80	-0.02
21 T	trans-1,2-Dichloroethene	0.557	0.492	11.7	78	-0.02
22 T	Diisopropyl ether	1.858	1.668	10.2	81	-0.02
23 T	Vinyl Acetate	0.543	0.714	-31.5#	120	-0.03
24 P	1,1-Dichloroethane	1.075	1.005	6.5	87	-0.03
25 T	2-Butanone	0.208	0.224	-7.7	112	-0.03
26 T	2,2-Dichloropropane	0.718	0.649	9.6	80	-0.04
27 T	cis-1,2-Dichloroethene	0.777	0.732	5.8	90	-0.03
28 T	Bromochloromethane	0.474	0.437	7.8	86	-0.03
29	Tetrahydrofuran	0.087	0.094	-8.0	107	-0.04
30 C	Chloroform	1.364	1.357	0.5#	91	-0.04
31 T	Cyclohexane	1.128	1.016	9.9	83	-0.04
32 T	1,1,1-Trichloroethane	1.102	1.063	3.5	85	-0.05
33 S	1,2-Dichloroethane-d4	0.557	0.626	-12.4	107	-0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	-0.03
35 S	Dibromofluoromethane	0.383	0.409	-6.8	100	-0.04
36 T	1,1-Dichloropropene	0.584	0.611	-4.6	101	-0.03
37 T	Ethyl Acetate	0.213	0.231	-8.5	112	-0.04
38 T	Carbon Tetrachloride	0.553	0.544	1.6	89	-0.04
39 T	Methylcyclohexane	0.731	0.686	6.2	86	-0.04
40 TM	Benzene	1.363	1.320	3.2	96	-0.04
41 T	Methacrylonitrile	0.119	0.125	-5.0	105	-0.03
42 TM	1,2-Dichloroethane	0.424	0.484	-14.2	111	-0.03
43 T	Isopropyl Acetate	0.281	0.303	-7.8	106	-0.03
44 TM	Trichloroethene	0.399	0.430	-7.8	104	-0.04
45 C	1,2-Dichloropropane	0.347	0.349	-0.6#	95	-0.03

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.213	0.235	-10.3	107	-0.03
47 T	Bromodichloromethane	0.529	0.609	-15.1	107	-0.03
48 T	Methyl methacrylate	0.182	0.192	-5.5	96	-0.03
49 T	1,4-Dioxane	0.001	0.002	-100.0#	149	-0.02
50 S	Toluene-d8	1.132	1.169	-3.3	97	-0.04
51 T	4-Methyl-2-Pentanone	0.212	0.223	-5.2	100	-0.03
52 CM	Toluene	0.876	0.917	-4.7#	100	-0.04
53 T	t-1,3-Dichloropropene	0.416	0.462	-11.1	105	-0.03
54 T	cis-1,3-Dichloropropene	0.551	0.625	-13.4	106	-0.03
55 T	1,1,2-Trichloroethane	0.245	0.277	-13.1	109	-0.02
56 T	Ethyl methacrylate	0.274	0.307	-12.0	106	-0.03
57 T	1,3-Dichloropropane	0.434	0.498	-14.7	107	-0.03
58 T	2-Chloroethyl Vinyl ether	0.012	0.017	-41.7#	120	-0.03
59 T	2-Hexanone	0.150	0.175	-16.7	118	-0.03
60 T	Dibromochloromethane	0.326	0.388	-19.0	105	-0.03
61 T	1,2-Dibromoethane	0.250	0.286	-14.4	110	-0.03
62 S	4-Bromofluorobenzene	0.494	0.505	-2.2	99	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	-0.03
64 T	Tetrachloroethene	0.364	0.368	-1.1	102	-0.03
65 PM	Chlorobenzene	1.010	1.009	0.1	105	-0.03
66 T	1,1,1,2-Tetrachloroethane	0.412	0.396	3.9	97	-0.03
67 C	Ethyl Benzene	1.947	1.730	11.1#	91	-0.02
68 T	m/p-Xylenes	0.679	0.633	6.8	98	-0.03
69 T	o-Xylene	0.759	0.690	9.1	90	-0.02
70 T	Styrene	1.011	0.940	7.0	93	-0.02
71 P	Bromoform	0.168	0.194	-15.5	110	-0.03
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	-0.02
73 T	Isopropylbenzene	4.400	4.656	-5.8	98	-0.02
74 T	N-amyl acetate	1.000	1.095	-9.5	102	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.698	0.747	-7.0	99	-0.02
76 T	1,2,3-Trichloropropane	0.512	0.551	-7.6	107	-0.02
77 T	Bromobenzene	0.875	0.937	-7.1	102	-0.02
78 T	n-propylbenzene	5.246	5.038	4.0	92	-0.02
79 T	2-Chlorotoluene	2.923	2.915	0.3	95	-0.02
80 T	1,3,5-Trimethylbenzene	3.501	3.569	-1.9	99	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.224	0.248	-10.7	108	-0.02
82 T	4-Chlorotoluene	2.970	2.900	2.4	97	-0.02
83 T	tert-Butylbenzene	3.488	3.710	-6.4	102	-0.01
84 T	1,2,4-Trimethylbenzene	3.476	3.590	-3.3	97	-0.02
85 T	sec-Butylbenzene	4.966	4.838	2.6	92	-0.01
86 T	p-Isopropyltoluene	4.040	4.120	-2.0	95	-0.02
87 T	1,3-Dichlorobenzene	1.709	1.717	-0.5	99	-0.01
88 T	1,4-Dichlorobenzene	1.643	1.715	-4.4	99	-0.01
89 T	n-Butylbenzene	4.151	4.200	-1.2	96	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.924	1.036	-12.1	104	-0.02
91 T	1,2-Dichlorobenzene	1.632	1.621	0.7	94	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.118	0.139	-17.8	102	-0.02
93 T	1,2,4-Trichlorobenzene	1.123	1.165	-3.7	95	-0.01
94 T	Hexachlorobutadiene	0.723	0.743	-2.8	94	-0.01
95 T	Naphthalene	2.116	2.301	-8.7	99	-0.01
96 T	1,2,3-Trichlorobenzene	1.058	1.099	-3.9	95	-0.02

(#) = Out of Range

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