

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF111918\
 Data File : VF060780.D
 Acq On : 19 Nov 2018 15:56
 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 02:35:28 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	72	-0.02
2 T	Dichlorodifluoromethane	0.895	0.958	-7.0	74	-0.01
3 P	Chloromethane	0.555	0.566	-2.0	70	-0.03
4 C	Vinyl Chloride	0.496	0.527	-6.3#	72	-0.01
5 T	Bromomethane	0.315	0.339	-7.6	70	-0.02
6 T	Chloroethane	0.194	0.216	-11.3	65	-0.02
7 T	Trichlorofluoromethane	1.098	1.270	-15.7	74	-0.01
8 T	Diethyl Ether	0.141	0.142	-0.7	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.517	0.577	-11.6	76	-0.02
10 T	Methyl Iodide	0.830	0.924	-11.3	76	-0.03
11 T	Tert butyl alcohol	0.026	0.028	-7.7	74	-0.01
12 CM	1,1-Dichloroethene	0.408	0.419	-2.7#	73	-0.01
13 T	Acrolein	0.024	0.023	4.2	75	-0.01
14 T	Allyl chloride	0.715	0.782	-9.4	77	-0.01
15 T	Acrylonitrile	0.055	0.059	-7.3	73	0.00
16 T	Acetone	0.122	0.141	-15.6	71	-0.01
17 T	Carbon Disulfide	1.233	1.286	-4.3	71	-0.03
18 T	Methyl Acetate	0.200	0.228	-14.0	78	-0.01
19 T	Methyl tert-butyl Ether	0.979	1.103	-12.7	76	-0.01
20 T	Methylene Chloride	0.458	0.453	1.1	76	-0.02
21 T	trans-1,2-Dichloroethene	0.426	0.451	-5.9	69	0.00
22 T	Diisopropyl ether	1.380	1.523	-10.4	75	-0.01
23 T	Vinyl Acetate	0.650	0.694	-6.8	69	-0.02
24 P	1,1-Dichloroethane	0.835	0.949	-13.7	79	-0.01
25 T	2-Butanone	0.201	0.212	-5.5	72	-0.02
26 T	2,2-Dichloropropane	0.657	0.771	-17.4	82	-0.02
27 T	cis-1,2-Dichloroethene	0.725	0.714	1.5	67	-0.01
28 T	Bromochloromethane	0.434	0.455	-4.8	73	-0.01
29	Tetrahydrofuran	0.083	0.084	-1.2	71	-0.01
30 C	Chloroform	1.340	1.389	-3.7#	69	-0.01
31 T	Cyclohexane	1.014	0.955	5.8	67	-0.02
32 T	1,1,1-Trichloroethane	1.055	1.234	-17.0	80	-0.01
33 S	1,2-Dichloroethane-d4	0.570	0.585	-2.6	75	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	-0.02
35 S	Dibromofluoromethane	0.376	0.368	2.1	75	-0.01
36 T	1,1-Dichloropropene	0.580	0.583	-0.5	71	-0.02
37 T	Ethyl Acetate	0.216	0.223	-3.2	74	-0.02
38 T	Carbon Tetrachloride	0.563	0.623	-10.7	80	0.00
39 T	Methylcyclohexane	0.673	0.652	3.1	68	-0.01
40 TM	Benzene	1.293	1.253	3.1	69	-0.02
41 T	Methacrylonitrile	0.131	0.131	0.0	76	-0.01
42 TM	1,2-Dichloroethane	0.447	0.484	-8.3	77	-0.01
43 T	Isopropyl Acetate	0.286	0.271	5.2	71	-0.02
44 TM	Trichloroethene	0.408	0.373	8.6	68	-0.01
45 C	1,2-Dichloropropane	0.336	0.336	0.0	74	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.222	0.229	-3.2	72	-0.01
47 T	Bromodichloromethane	0.567	0.603	-6.3	71	-0.01
48 T	Methyl methacrylate	0.189	0.194	-2.6	76	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	84	-0.01
50 S	Toluene-d8	1.085	1.011	6.8	77	0.00
51 T	4-Methyl-2-Pentanone	0.207	0.200	3.4	72	-0.01
52 CM	Toluene	0.866	0.839	3.1#	71	-0.01
53 T	t-1,3-Dichloropropene	0.454	0.485	-6.8	79	-0.01
54 T	cis-1,3-Dichloropropene	0.590	0.570	3.4	75	-0.01
55 T	1,1,2-Trichloroethane	0.247	0.254	-2.8	72	-0.01
56 T	Ethyl methacrylate	0.281	0.273	2.8	69	-0.01
57 T	1,3-Dichloropropane	0.429	0.465	-8.4	80	-0.02
58 T	2-Chloroethyl Vinyl ether	0.026	0.026	0.0	70	-0.01
59 T	2-Hexanone	0.145	0.142	2.1	75	-0.01
60 T	Dibromochloromethane	0.353	0.368	-4.2	73	-0.01
61 T	1,2-Dibromoethane	0.260	0.281	-8.1	74	-0.01
62 S	4-Bromofluorobenzene	0.508	0.478	5.9	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	-0.01
64 T	Tetrachloroethene	0.396	0.386	2.5	70	-0.02
65 PM	Chlorobenzene	1.009	1.020	-1.1	76	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.440	0.455	-3.4	75	-0.01
67 C	Ethyl Benzene	1.902	1.864	2.0#	74	-0.01
68 T	m/p-Xylenes	0.680	0.674	0.9	77	-0.01
69 T	o-Xylene	0.764	0.765	-0.1	76	-0.01
70 T	Styrene	1.037	1.009	2.7	74	-0.01
71 P	Bromoform	0.198	0.213	-7.6	76	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	-0.01
73 T	Isopropylbenzene	4.025	4.270	-6.1	78	0.00
74 T	N-amyl acetate	0.916	0.903	1.4	77	0.00
75 P	1,1,2,2-Tetrachloroethane	0.665	0.680	-2.3	73	0.00
76 T	1,2,3-Trichloropropane	0.494	0.472	4.5	75	0.00
77 T	Bromobenzene	0.838	0.861	-2.7	75	-0.01
78 T	n-propylbenzene	4.694	4.826	-2.8	81	-0.01
79 T	2-Chlorotoluene	2.728	2.761	-1.2	76	-0.01
80 T	1,3,5-Trimethylbenzene	3.195	3.293	-3.1	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.243	0.237	2.5	72	-0.01
82 T	4-Chlorotoluene	2.795	2.825	-1.1	77	-0.01
83 T	tert-Butylbenzene	3.393	3.565	-5.1	75	0.00
84 T	1,2,4-Trimethylbenzene	3.305	3.290	0.5	75	-0.01
85 T	sec-Butylbenzene	4.602	4.807	-4.5	77	-0.01
86 T	p-Isopropyltoluene	3.844	3.901	-1.5	74	-0.01
87 T	1,3-Dichlorobenzene	1.667	1.653	0.8	75	0.00
88 T	1,4-Dichlorobenzene	1.602	1.649	-2.9	75	0.00
89 T	n-Butylbenzene	3.923	3.956	-0.8	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.940	0.990	-5.3	74	-0.01
91 T	1,2-Dichlorobenzene	1.570	1.589	-1.2	77	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.125	0.127	-1.6	70	0.00
93 T	1,2,4-Trichlorobenzene	1.128	1.185	-5.1	76	-0.01
94 T	Hexachlorobutadiene	0.737	0.783	-6.2	73	-0.01
95 T	Naphthalene	2.059	2.208	-7.2	73	-0.01
96 T	1,2,3-Trichlorobenzene	1.043	1.088	-4.3	71	-0.01

(#) = Out of Range

SPCC's out = 0 CCC's out = 5