

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF072018\
 Data File : VF059588.D
 Acq On : 20 Jul 2018 17:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 20 23:41:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 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	96	-0.02
2 T	Dichlorodifluoromethane	0.613	0.574	6.4	103	0.00
3 P	Chloromethane	0.337	0.286	15.1	99	0.00
4 C	Vinyl Chloride	0.340	0.345	-1.5#	108	0.00
5 T	Bromomethane	0.236	0.259	-9.7	123	0.00
6 T	Chloroethane	0.171	0.190	-11.1	119	-0.02
7 T	Trichlorofluoromethane	0.832	0.757	9.0	95	-0.06
8 T	Diethyl Ether	0.160	0.149	6.9	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.352	0.458	-30.1#	148	0.00
10 T	Methyl Iodide	0.615	0.783	-27.3#	137	-0.02
11 T	Tert butyl alcohol	0.036	0.036	0.0	96	-0.02
12 CM	1,1-Dichloroethene	0.374	0.365	2.4#	112	-0.02
13 T	Acrolein	0.018	0.016	11.1	102	-0.02
14 T	Allyl chloride	0.467	0.622	-33.2#	144	-0.02
15 T	Acrylonitrile	0.065	0.067	-3.1	98	0.00
16 T	Acetone	0.130	0.173	-33.1#	124	-0.02
17 T	Carbon Disulfide	0.958	0.875	8.7	100	-0.05
18 T	Methyl Acetate	0.271	0.209	22.9	76	0.00
19 T	Methyl tert-butyl Ether	1.173	1.134	3.3	91	-0.02
20 T	Methylene Chloride	0.435	0.357	17.9	100	-0.08
21 T	trans-1,2-Dichloroethene	0.346	0.349	-0.9	106	0.00
22 T	Diisopropyl ether	1.311	1.239	5.5	91	-0.02
23 T	Vinyl Acetate	0.766	0.760	0.8	96	-0.03
24 P	1,1-Dichloroethane	0.810	0.841	-3.8	106	-0.03
25 T	2-Butanone	0.181	0.177	2.2	92	-0.04
26 T	2,2-Dichloropropane	0.536	0.664	-23.9	121	-0.02
27 T	cis-1,2-Dichloroethene	0.402	0.445	-10.7	106	-0.02
28 T	Bromochloromethane	0.356	0.322	9.6	82	-0.03
29	Tetrahydrofuran	0.082	0.075	8.5	91	-0.04
30 C	Chloroform	1.170	1.153	1.5#	97	-0.03
31 T	Cyclohexane	0.419	0.459	-9.5	118	-0.02
32 T	1,1,1-Trichloroethane	0.760	0.958	-26.1#	126	-0.02
33 S	1,2-Dichloroethane-d4	0.778	0.769	1.2	94	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	-0.03
35 S	Dibromofluoromethane	0.433	0.434	-0.2	93	-0.03
36 T	1,1-Dichloropropene	0.500	0.481	3.8	97	-0.03
37 T	Ethyl Acetate	0.304	0.262	13.8	84	-0.05
38 T	Carbon Tetrachloride	0.574	0.694	-20.9	127	-0.02
39 T	Methylcyclohexane	0.380	0.395	-3.9	109	-0.02
40 TM	Benzene	0.971	0.902	7.1	94	-0.02
41 T	Methacrylonitrile	0.144	0.132	8.3	91	-0.05
42 TM	1,2-Dichloroethane	0.638	0.602	5.6	93	-0.02
43 T	Isopropyl Acetate	0.360	0.350	2.8	95	-0.03
44 TM	Trichloroethene	0.359	0.335	6.7	95	-0.02
45 C	1,2-Dichloropropane	0.269	0.251	6.7#	91	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.245	0.241	1.6	96	-0.03
47 T	Bromodichloromethane	0.632	0.617	2.4	94	-0.03
48 T	Methyl methacrylate	0.257	0.232	9.7	86	-0.03
49 T	1,4-Dioxane	0.001	0.001	0.0	115	-0.05
50 S	Toluene-d8	1.091	1.055	3.3	90	-0.03
51 T	4-Methyl-2-Pentanone	0.255	0.253	0.8	94	-0.03
52 CM	Toluene	0.704	0.691	1.8#	102	-0.03
53 T	t-1,3-Dichloropropene	0.581	0.577	0.7	97	-0.03
54 T	cis-1,3-Dichloropropene	0.579	0.574	0.9	95	-0.02
55 T	1,1,2-Trichloroethane	0.273	0.285	-4.4	99	-0.02
56 T	Ethyl methacrylate	0.338	0.342	-1.2	95	-0.02
57 T	1,3-Dichloropropane	0.482	0.470	2.5	98	-0.03
58 T	2-Chloroethyl Vinyl ether	0.030	0.030	0.0	100	-0.03
59 T	2-Hexanone	0.193	0.193	0.0	92	-0.03
60 T	Dibromochloromethane	0.460	0.471	-2.4	97	-0.03
61 T	1,2-Dibromoethane	0.339	0.345	-1.8	102	-0.03
62 S	4-Bromofluorobenzene	0.572	0.606	-5.9	102	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.03
64 T	Tetrachloroethene	0.372	0.342	8.1	97	-0.02
65 PM	Chlorobenzene	0.938	0.925	1.4	103	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.427	0.403	5.6	98	-0.02
67 C	Ethyl Benzene	1.669	1.558	6.7#	99	-0.02
68 T	m/p-Xylenes	0.589	0.575	2.4	103	-0.02
69 T	o-Xylene	0.627	0.633	-1.0	106	-0.02
70 T	Styrene	0.964	0.953	1.1	104	-0.02
71 P	Bromoform	0.297	0.295	0.7	97	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.02
73 T	Isopropylbenzene	3.155	3.105	1.6	105	-0.02
74 T	N-amyl acetate	1.010	0.905	10.4	93	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.688	0.680	1.2	103	-0.02
76 T	1,2,3-Trichloropropane	0.562	0.533	5.2	102	-0.02
77 T	Bromobenzene	0.884	0.856	3.2	103	-0.02
78 T	n-propylbenzene	3.619	3.552	1.9	107	-0.02
79 T	2-Chlorotoluene	2.229	2.206	1.0	109	-0.02
80 T	1,3,5-Trimethylbenzene	2.644	2.714	-2.6	111	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.257	0.262	-1.9	112	-0.02
82 T	4-Chlorotoluene	2.498	2.423	3.0	104	0.00
83 T	tert-Butylbenzene	2.537	2.623	-3.4	109	0.00
84 T	1,2,4-Trimethylbenzene	2.720	2.776	-2.1	110	-0.02
85 T	sec-Butylbenzene	3.227	3.401	-5.4	112	-0.02
86 T	p-Isopropyltoluene	2.808	2.985	-6.3	114	-0.02
87 T	1,3-Dichlorobenzene	1.517	1.493	1.6	106	-0.02
88 T	1,4-Dichlorobenzene	1.495	1.472	1.5	108	-0.02
89 T	n-Butylbenzene	2.628	2.930	-11.5	118	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.638	0.728	-14.1	128	0.00
91 T	1,2-Dichlorobenzene	1.451	1.454	-0.2	109	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.156	0.153	1.9	103	0.00
93 T	1,2,4-Trichlorobenzene	0.882	1.069	-21.2	129	0.00
94 T	Hexachlorobutadiene	0.452	0.683	-51.1#	168#	0.00
95 T	Naphthalene	1.832	2.203	-20.3	125	0.00
96 T	1,2,3-Trichlorobenzene	0.797	1.028	-29.0#	142	0.00

(#) = Out of Range

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