

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF053119\
 Data File : VF062801.D
 Acq On : 31 May 2019 10:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 01:05:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 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	103	0.00
2 T	Dichlorodifluoromethane	0.649	0.547	15.7	95	-0.01
3 P	Chloromethane	0.517	0.510	1.4	105	0.00
4 C	Vinyl Chloride	0.514	0.477	7.2#	97	-0.01
5 T	Bromomethane	0.293	0.298	-1.7	95	0.00
6 T	Chloroethane	0.192	0.203	-5.7	98	-0.01
7 T	Trichlorofluoromethane	0.728	0.719	1.2	97	-0.01
8 T	Diethyl Ether	0.143	0.140	2.1	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.458	0.419	8.5	94	-0.01
10 T	Methyl Iodide	0.917	0.875	4.6	98	-0.02
11 T	Tert butyl alcohol	0.021	0.021	0.0	106	-0.01
12 CM	1,1-Dichloroethene	0.416	0.397	4.6#	98	0.00
13 T	Acrolein	0.009	0.009	0.0	111	-0.01
14 T	Allyl chloride	0.322	0.315	2.2	87	-0.01
15 T	Acrylonitrile	0.079	0.057	27.8#	71	-0.02
16 T	Acetone	0.079	0.090	-13.9	108	-0.01
17 T	Carbon Disulfide	1.214	1.211	0.2	101	0.00
18 T	Methyl Acetate	0.138	0.126	8.7	95	-0.01
19 T	Methyl tert-butyl Ether	0.753	0.712	5.4	99	0.00
20 T	Methylene Chloride	0.442	0.394	10.9	95	-0.01
21 T	trans-1,2-Dichloroethene	0.417	0.416	0.2	95	-0.01
22 T	Diisopropyl ether	0.916	0.865	5.6	96	-0.01
23 T	Vinyl Acetate	0.627	0.596	4.9	94	-0.01
24 P	1,1-Dichloroethane	0.684	0.664	2.9	96	-0.01
25 T	2-Butanone	0.184	0.178	3.3	101	-0.01
26 T	2,2-Dichloropropane	0.388	0.403	-3.9	105	-0.01
27 T	cis-1,2-Dichloroethene	0.700	0.683	2.4	95	-0.01
28 T	Bromochloromethane	0.372	0.356	4.3	95	-0.01
29	Tetrahydrofuran	0.070	0.066	5.7	95	-0.01
30 C	Chloroform	0.964	0.949	1.6#	97	-0.01
31 T	Cyclohexane	0.926	0.895	3.3	95	-0.01
32 T	1,1,1-Trichloroethane	0.561	0.617	-10.0	121	0.00
33 S	1,2-Dichloroethane-d4	0.346	0.341	1.4	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	-0.01
35 S	Dibromofluoromethane	0.378	0.386	-2.1	94	-0.01
36 T	1,1-Dichloropropene	0.460	0.474	-3.0	97	-0.01
37 T	Ethyl Acetate	0.176	0.188	-6.8	100	-0.02
38 T	Carbon Tetrachloride	0.311	0.337	-8.4	104	0.00
39 T	Methylcyclohexane	0.573	0.607	-5.9	98	0.00
40 TM	Benzene	1.340	1.327	1.0	89	-0.01
41 T	Methacrylonitrile	0.098	0.097	1.0	97	0.00
42 TM	1,2-Dichloroethane	0.255	0.265	-3.9	97	-0.01
43 T	Isopropyl Acetate	0.232	0.236	-1.7	99	0.00
44 TM	Trichloroethene	0.378	0.375	0.8	94	0.00
45 C	1,2-Dichloropropane	0.336	0.355	-5.7#	97	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.196	0.200	-2.0	98	-0.01
47 T	Bromodichloromethane	0.400	0.419	-4.7	99	-0.01
48 T	Methyl methacrylate	0.120	0.129	-7.5	95	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	107	0.00
50 S	Toluene-d8	0.955	1.027	-7.5	98	-0.01
51 T	4-Methyl-2-Pentanone	0.166	0.178	-7.2	105	-0.01
52 CM	Toluene	0.722	0.801	-10.9#	104	-0.01
53 T	t-1,3-Dichloropropene	0.331	0.375	-13.3	104	0.00
54 T	cis-1,3-Dichloropropene	0.479	0.470	1.9	90	0.00
55 T	1,1,2-Trichloroethane	0.216	0.237	-9.7	104	0.00
56 T	Ethyl methacrylate	0.231	0.271	-17.3	109	-0.01
57 T	1,3-Dichloropropane	0.352	0.392	-11.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.081	0.079	2.5	93	0.00
59 T	2-Hexanone	0.118	0.122	-3.4	102	0.00
60 T	Dibromochloromethane	0.267	0.307	-15.0	102	0.00
61 T	1,2-Dibromoethane	0.224	0.247	-10.3	102	-0.01
62 S	4-Bromofluorobenzene	0.344	0.358	-4.1	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.01
64 T	Tetrachloroethene	0.384	0.401	-4.4	96	0.00
65 PM	Chlorobenzene	0.966	0.964	0.2	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.376	2.3	94	0.00
67 C	Ethyl Benzene	1.657	1.687	-1.8#	99	0.00
68 T	m/p-Xylenes	0.634	0.669	-5.5	101	0.00
69 T	o-Xylene	0.642	0.653	-1.7	94	0.00
70 T	Styrene	0.946	0.994	-5.1	98	0.00
71 P	Bromoform	0.184	0.197	-7.1	98	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.489	3.607	-3.4	94	-0.01
74 T	N-amyl acetate	0.983	1.009	-2.6	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.745	0.763	-2.4	95	0.00
76 T	1,2,3-Trichloropropane	0.494	0.488	1.2	94	0.00
77 T	Bromobenzene	0.877	0.917	-4.6	98	-0.01
78 T	n-propylbenzene	4.212	4.398	-4.4	95	0.00
79 T	2-Chlorotoluene	2.410	2.514	-4.3	96	0.00
80 T	1,3,5-Trimethylbenzene	2.853	2.943	-3.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.237	-13.4	101	0.00
82 T	4-Chlorotoluene	2.369	2.518	-6.3	98	0.00
83 T	tert-Butylbenzene	2.827	3.003	-6.2	98	0.00
84 T	1,2,4-Trimethylbenzene	2.705	2.890	-6.8	98	0.00
85 T	sec-Butylbenzene	3.725	3.965	-6.4	94	0.00
86 T	p-Isopropyltoluene	3.101	3.257	-5.0	97	-0.01
87 T	1,3-Dichlorobenzene	1.546	1.586	-2.6	99	0.00
88 T	1,4-Dichlorobenzene	1.443	1.467	-1.7	96	0.00
89 T	n-Butylbenzene	3.119	3.292	-5.5	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.756	0.824	-9.0	96	0.00
91 T	1,2-Dichlorobenzene	1.359	1.464	-7.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.083	-2.5	95	0.00
93 T	1,2,4-Trichlorobenzene	0.933	0.929	0.4	91	0.00
94 T	Hexachlorobutadiene	0.645	0.682	-5.7	94	0.00
95 T	Naphthalene	1.529	1.637	-7.1	97	0.00
96 T	1,2,3-Trichlorobenzene	0.852	0.879	-3.2	95	0.00

(#) = Out of Range

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