

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF021119\
 Data File : VF061581.D
 Acq On : 11 Feb 2019 12:36
 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: Feb 12 03:34:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 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	98	-0.02
2 T	Dichlorodifluoromethane	0.982	0.880	10.4	87	0.00
3 P	Chloromethane	0.720	0.630	12.5	93	0.00
4 C	Vinyl Chloride	0.641	0.595	7.2#	97	0.00
5 T	Bromomethane	0.418	0.428	-2.4	99	0.00
6 T	Chloroethane	0.284	0.296	-4.2	96	-0.01
7 T	Trichlorofluoromethane	1.246	1.160	6.9	96	0.00
8 T	Diethyl Ether	0.160	0.173	-8.1	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.599	0.570	4.8	99	-0.01
10 T	Methyl Iodide	0.928	0.898	3.2	95	-0.02
11 T	Tert butyl alcohol	0.026	0.026	0.0	101	0.00
12 CM	1,1-Dichloroethene	0.445	0.457	-2.7#	106	-0.02
13 T	Acrolein	0.022	0.025	-13.6	107	0.00
14 T	Allyl chloride	0.699	0.761	-8.9	137	0.00
15 T	Acrylonitrile	0.067	0.069	-3.0	112	0.00
16 T	Acetone	0.124	0.143	-15.3	117	0.00
17 T	Carbon Disulfide	1.387	1.282	7.6	93	0.00
18 T	Methyl Acetate	0.246	0.286	-16.3	123	0.00
19 T	Methyl tert-butyl Ether	0.997	1.002	-0.5	99	0.00
20 T	Methylene Chloride	0.477	0.434	9.0	104	0.00
21 T	trans-1,2-Dichloroethene	0.489	0.470	3.9	103	0.00
22 T	Diisopropyl ether	1.583	1.620	-2.3	101	0.00
23 T	Vinyl Acetate	0.640	0.748	-16.9	96	0.00
24 P	1,1-Dichloroethane	0.993	0.981	1.2	98	0.00
25 T	2-Butanone	0.206	0.210	-1.9	103	0.00
26 T	2,2-Dichloropropane	0.610	0.572	6.2	103	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.710	1.7	97	0.00
28 T	Bromochloromethane	0.446	0.417	6.5	99	0.00
29	Tetrahydrofuran	0.089	0.084	5.6	91	-0.02
30 C	Chloroform	1.340	1.300	3.0#	94	0.00
31 T	Cyclohexane	0.992	0.842	15.1	87	0.00
32 T	1,1,1-Trichloroethane	0.983	0.968	1.5	115	0.00
33 S	1,2-Dichloroethane-d4	0.617	0.643	-4.2	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	-0.01
35 S	Dibromofluoromethane	0.395	0.413	-4.6	99	0.00
36 T	1,1-Dichloropropene	0.580	0.583	-0.5	95	-0.02
37 T	Ethyl Acetate	0.232	0.227	2.2	94	0.00
38 T	Carbon Tetrachloride	0.507	0.545	-7.5	110	0.00
39 T	Methylcyclohexane	0.628	0.533	15.1	89	-0.02
40 TM	Benzene	1.290	1.232	4.5	96	-0.02
41 T	Methacrylonitrile	0.123	0.117	4.9	95	0.00
42 TM	1,2-Dichloroethane	0.460	0.472	-2.6	94	0.00
43 T	Isopropyl Acetate	0.291	0.288	1.0	93	-0.02
44 TM	Trichloroethene	0.396	0.384	3.0	93	-0.02
45 C	1,2-Dichloropropane	0.339	0.329	2.9#	89	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.225	0.217	3.6	87	-0.02
47 T	Bromodichloromethane	0.557	0.597	-7.2	100	0.00
48 T	Methyl methacrylate	0.195	0.191	2.1	91	-0.02
49 T	1,4-Dioxane	0.001	0.001	0.0	79	0.00
50 S	Toluene-d8	1.081	1.172	-8.4	105	-0.02
51 T	4-Methyl-2-Pentanone	0.214	0.202	5.6	91	0.00
52 CM	Toluene	0.850	0.776	8.7#	89	0.00
53 T	t-1,3-Dichloropropene	0.442	0.451	-2.0	93	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.560	-1.3	87	0.00
55 T	1,1,2-Trichloroethane	0.241	0.226	6.2	86	-0.02
56 T	Ethyl methacrylate	0.281	0.269	4.3	90	-0.02
57 T	1,3-Dichloropropane	0.452	0.441	2.4	88	-0.02
58 T	2-Chloroethyl Vinyl ether	0.023	0.043	-87.0#	136	-0.01
59 T	2-Hexanone	0.149	0.162	-8.7	103	0.00
60 T	Dibromochloromethane	0.353	0.361	-2.3	92	-0.02
61 T	1,2-Dibromoethane	0.276	0.261	5.4	86	0.00
62 S	4-Bromofluorobenzene	0.505	0.522	-3.4	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.376	0.351	6.6	86	-0.02
65 PM	Chlorobenzene	1.017	0.979	3.7	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.418	-3.2	99	-0.02
67 C	Ethyl Benzene	1.858	1.808	2.7#	97	-0.02
68 T	m/p-Xylenes	0.668	0.609	8.8	89	0.00
69 T	o-Xylene	0.724	0.674	6.9	91	0.00
70 T	Styrene	0.991	0.964	2.7	100	0.00
71 P	Bromoform	0.182	0.199	-9.3	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	4.067	4.328	-6.4	95	0.00
74 T	N-amyl acetate	0.962	1.116	-16.0	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.724	0.731	-1.0	93	0.00
76 T	1,2,3-Trichloropropane	0.521	0.525	-0.8	91	0.00
77 T	Bromobenzene	0.859	0.881	-2.6	90	-0.02
78 T	n-propylbenzene	4.884	4.849	0.7	92	0.00
79 T	2-Chlorotoluene	2.822	2.840	-0.6	93	0.00
80 T	1,3,5-Trimethylbenzene	3.282	3.408	-3.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.226	0.216	4.4	79	-0.02
82 T	4-Chlorotoluene	2.847	2.843	0.1	92	-0.02
83 T	tert-Butylbenzene	3.397	3.548	-4.4	95	0.00
84 T	1,2,4-Trimethylbenzene	3.380	3.406	-0.8	94	-0.02
85 T	sec-Butylbenzene	4.613	4.688	-1.6	91	0.00
86 T	p-Isopropyltoluene	3.787	3.892	-2.8	95	-0.02
87 T	1,3-Dichlorobenzene	1.697	1.668	1.7	95	0.00
88 T	1,4-Dichlorobenzene	1.623	1.687	-3.9	93	0.00
89 T	n-Butylbenzene	3.905	4.048	-3.7	96	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.893	0.940	-5.3	94	0.00
91 T	1,2-Dichlorobenzene	1.607	1.555	3.2	88	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.143	-11.7	96	-0.02
93 T	1,2,4-Trichlorobenzene	1.125	1.174	-4.4	94	0.00
94 T	Hexachlorobutadiene	0.698	0.764	-9.5	98	0.00
95 T	Naphthalene	2.138	2.269	-6.1	92	0.00
96 T	1,2,3-Trichlorobenzene	1.042	1.094	-5.0	93	0.00

(#) = Out of Range

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