

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061019\
 Data File : VF062905.D
 Acq On : 10 Jun 2019 13:56
 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 11 01:41:50 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	94	-0.02
2 T	Dichlorodifluoromethane	0.649	0.531	18.2	85	0.00
3 P	Chloromethane	0.517	0.472	8.7	89	0.00
4 C	Vinyl Chloride	0.514	0.490	4.7#	91	0.00
5 T	Bromomethane	0.293	0.295	-0.7	86	-0.02
6 T	Chloroethane	0.192	0.200	-4.2	88	-0.02
7 T	Trichlorofluoromethane	0.728	0.769	-5.6	95	-0.02
8 T	Diethyl Ether	0.143	0.138	3.5	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.458	0.440	3.9	90	-0.03
10 T	Methyl Iodide	0.917	0.887	3.3	91	-0.03
11 T	Tert butyl alcohol	0.021	0.022	-4.8	105	-0.02
12 CM	1,1-Dichloroethene	0.416	0.395	5.0#	89	-0.02
13 T	Acrolein	0.009	0.009	0.0	102	-0.02
14 T	Allyl chloride	0.322	0.428	-32.9#	107	-0.02
15 T	Acrylonitrile	0.079	0.091	-15.2	103	-0.02
16 T	Acetone	0.079	0.083	-5.1	91	-0.02
17 T	Carbon Disulfide	1.214	1.148	5.4	88	-0.02
18 T	Methyl Acetate	0.138	0.120	13.0	82	-0.02
19 T	Methyl tert-butyl Ether	0.753	0.739	1.9	94	0.00
20 T	Methylene Chloride	0.442	0.420	5.0	93	-0.08
21 T	trans-1,2-Dichloroethene	0.417	0.424	-1.7	88	-0.02
22 T	Diisopropyl ether	0.916	0.897	2.1	91	-0.02
23 T	Vinyl Acetate	0.627	0.652	-4.0	94	-0.02
24 P	1,1-Dichloroethane	0.684	0.725	-6.0	95	-0.02
25 T	2-Butanone	0.184	0.184	0.0	95	-0.03
26 T	2,2-Dichloropropane	0.388	0.499	-28.6#	118	-0.02
27 T	cis-1,2-Dichloroethene	0.700	0.759	-8.4	96	-0.03
28 T	Bromochloromethane	0.372	0.392	-5.4	95	-0.03
29	Tetrahydrofuran	0.070	0.073	-4.3	95	-0.03
30 C	Chloroform	0.964	0.997	-3.4#	93	-0.03
31 T	Cyclohexane	0.926	0.937	-1.2	91	-0.03
32 T	1,1,1-Trichloroethane	0.561	0.668	-19.1	120	-0.02
33 S	1,2-Dichloroethane-d4	0.346	0.329	4.9	83	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.03
35 S	Dibromofluoromethane	0.378	0.376	0.5	87	-0.02
36 T	1,1-Dichloropropene	0.460	0.479	-4.1	93	-0.03
37 T	Ethyl Acetate	0.176	0.170	3.4	86	-0.03
38 T	Carbon Tetrachloride	0.311	0.361	-16.1	106	-0.02
39 T	Methylcyclohexane	0.573	0.624	-8.9	96	-0.02
40 TM	Benzene	1.340	1.403	-4.7	89	-0.02
41 T	Methacrylonitrile	0.098	0.104	-6.1	98	-0.02
42 TM	1,2-Dichloroethane	0.255	0.265	-3.9	92	-0.02
43 T	Isopropyl Acetate	0.232	0.227	2.2	90	-0.02
44 TM	Trichloroethene	0.378	0.394	-4.2	94	-0.02
45 C	1,2-Dichloropropane	0.336	0.358	-6.5#	93	-0.03

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.196	0.214	-9.2	99	-0.03
47 T	Bromodichloromethane	0.400	0.429	-7.2	96	-0.03
48 T	Methyl methacrylate	0.120	0.127	-5.8	89	-0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	103	-0.02
50 S	Toluene-d8	0.955	0.970	-1.6	88	-0.03
51 T	4-Methyl-2-Pentanone	0.166	0.170	-2.4	95	-0.03
52 CM	Toluene	0.722	0.775	-7.3#	96	-0.02
53 T	t-1,3-Dichloropropene	0.331	0.354	-6.9	93	-0.02
54 T	cis-1,3-Dichloropropene	0.479	0.506	-5.6	92	-0.02
55 T	1,1,2-Trichloroethane	0.216	0.228	-5.6	95	-0.02
56 T	Ethyl methacrylate	0.231	0.240	-3.9	91	-0.03
57 T	1,3-Dichloropropane	0.352	0.374	-6.3	93	-0.02
58 T	2-Chloroethyl Vinyl ether	0.081	0.076	6.2	85	-0.02
59 T	2-Hexanone	0.118	0.114	3.4	90	-0.02
60 T	Dibromochloromethane	0.267	0.300	-12.4	95	-0.02
61 T	1,2-Dibromoethane	0.224	0.239	-6.7	94	-0.03
62 S	4-Bromofluorobenzene	0.344	0.322	6.4	81	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	-0.02
64 T	Tetrachloroethene	0.384	0.395	-2.9	87	-0.02
65 PM	Chlorobenzene	0.966	1.004	-3.9	91	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.385	0.426	-10.6	99	-0.02
67 C	Ethyl Benzene	1.657	1.745	-5.3#	94	-0.02
68 T	m/p-Xylenes	0.634	0.644	-1.6	90	-0.02
69 T	o-Xylene	0.642	0.691	-7.6	91	-0.02
70 T	Styrene	0.946	0.995	-5.2	91	-0.02
71 P	Bromoform	0.184	0.214	-16.3	98	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	-0.02
73 T	Isopropylbenzene	3.489	3.723	-6.7	90	-0.02
74 T	N-amyl acetate	0.983	0.910	7.4	84	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.745	0.777	-4.3	90	-0.02
76 T	1,2,3-Trichloropropane	0.494	0.498	-0.8	89	-0.02
77 T	Bromobenzene	0.877	0.911	-3.9	91	-0.02
78 T	n-propylbenzene	4.212	4.282	-1.7	86	-0.02
79 T	2-Chlorotoluene	2.410	2.437	-1.1	86	0.00
80 T	1,3,5-Trimethylbenzene	2.853	2.953	-3.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.199	4.8	79	-0.02
82 T	4-Chlorotoluene	2.369	2.407	-1.6	87	-0.02
83 T	tert-Butylbenzene	2.827	3.211	-13.6	97	-0.02
84 T	1,2,4-Trimethylbenzene	2.705	2.961	-9.5	93	0.00
85 T	sec-Butylbenzene	3.725	4.226	-13.4	93	0.00
86 T	p-Isopropyltoluene	3.101	3.353	-8.1	93	-0.02
87 T	1,3-Dichlorobenzene	1.546	1.606	-3.9	93	0.00
88 T	1,4-Dichlorobenzene	1.443	1.517	-5.1	92	0.00
89 T	n-Butylbenzene	3.119	3.320	-6.4	94	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.756	0.896	-18.5	96	-0.02
91 T	1,2-Dichlorobenzene	1.359	1.450	-6.7	91	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.094	-16.0	99	-0.02
93 T	1,2,4-Trichlorobenzene	0.933	1.051	-12.6	96	-0.02
94 T	Hexachlorobutadiene	0.645	0.746	-15.7	95	-0.02
95 T	Naphthalene	1.529	1.768	-15.6	97	-0.02
96 T	1,2,3-Trichlorobenzene	0.852	0.980	-15.0	98	0.00

(#) = Out of Range

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