

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF060419\
 Data File : VF062857.D
 Acq On : 4 Jun 2019 23:46
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 05 06:56:45 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	88	0.00
2 T	Dichlorodifluoromethane	0.649	0.544	16.2	82	0.00
3 P	Chloromethane	0.517	0.478	7.5	85	0.00
4 C	Vinyl Chloride	0.514	0.478	7.0#	84	0.00
5 T	Bromomethane	0.293	0.304	-3.8	83	0.00
6 T	Chloroethane	0.192	0.193	-0.5	80	-0.03
7 T	Trichlorofluoromethane	0.728	0.781	-7.3	91	-0.02
8 T	Diethyl Ether	0.143	0.155	-8.4	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.458	0.477	-4.1	92	-0.04
10 T	Methyl Iodide	0.917	0.975	-6.3	94	-0.04
11 T	Tert butyl alcohol	0.021	0.024	-14.3	105	-0.03
12 CM	1,1-Dichloroethene	0.416	0.433	-4.1#	92	-0.02
13 T	Acrolein	0.009	0.009	0.0	99	-0.02
14 T	Allyl chloride	0.322	0.398	-23.6	94	-0.02
15 T	Acrylonitrile	0.079	0.066	16.5	71	-0.02
16 T	Acetone	0.079	0.075	5.1	77	-0.02
17 T	Carbon Disulfide	1.214	1.204	0.8	87	-0.02
18 T	Methyl Acetate	0.138	0.142	-2.9	92	-0.02
19 T	Methyl tert-butyl Ether	0.753	0.834	-10.8	99	0.00
20 T	Methylene Chloride	0.442	0.471	-6.6	98	-0.03
21 T	trans-1,2-Dichloroethene	0.417	0.455	-9.1	89	-0.02
22 T	Diisopropyl ether	0.916	0.903	1.4	86	-0.02
23 T	Vinyl Acetate	0.627	0.667	-6.4	91	-0.02
24 P	1,1-Dichloroethane	0.684	0.720	-5.3	89	-0.02
25 T	2-Butanone	0.184	0.180	2.2	87	-0.03
26 T	2,2-Dichloropropane	0.388	0.434	-11.9	97	-0.02
27 T	cis-1,2-Dichloroethene	0.700	0.768	-9.7	92	-0.02
28 T	Bromochloromethane	0.372	0.421	-13.2	96	-0.03
29	Tetrahydrofuran	0.070	0.081	-15.7	100	-0.03
30 C	Chloroform	0.964	1.005	-4.3#	89	-0.03
31 T	Cyclohexane	0.926	0.911	1.6	83	-0.02
32 T	1,1,1-Trichloroethane	0.561	0.681	-21.4	115	-0.02
33 S	1,2-Dichloroethane-d4	0.346	0.361	-4.3	85	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	-0.03
35 S	Dibromofluoromethane	0.378	0.378	0.0	88	-0.02
36 T	1,1-Dichloropropene	0.460	0.444	3.5	87	-0.03
37 T	Ethyl Acetate	0.176	0.187	-6.3	96	-0.03
38 T	Carbon Tetrachloride	0.311	0.342	-10.0	101	-0.02
39 T	Methylcyclohexane	0.573	0.573	0.0	89	-0.02
40 TM	Benzene	1.340	1.311	2.2	84	-0.02
41 T	Methacrylonitrile	0.098	0.098	0.0	94	-0.02
42 TM	1,2-Dichloroethane	0.255	0.261	-2.4	92	-0.02
43 T	Isopropyl Acetate	0.232	0.237	-2.2	95	-0.02
44 TM	Trichloroethene	0.378	0.375	0.8	90	-0.02
45 C	1,2-Dichloropropane	0.336	0.345	-2.7#	90	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.196	0.206	-5.1	96	-0.03
47 T	Bromodichloromethane	0.400	0.402	-0.5	91	-0.03
48 T	Methyl methacrylate	0.120	0.129	-7.5	91	-0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	107	-0.02
50 S	Toluene-d8	0.955	0.975	-2.1	89	-0.03
51 T	4-Methyl-2-Pentanone	0.166	0.181	-9.0	102	-0.02
52 CM	Toluene	0.722	0.732	-1.4#	91	-0.02
53 T	t-1,3-Dichloropropene	0.331	0.351	-6.0	93	-0.02
54 T	cis-1,3-Dichloropropene	0.479	0.484	-1.0	89	-0.02
55 T	1,1,2-Trichloroethane	0.216	0.235	-8.8	99	-0.02
56 T	Ethyl methacrylate	0.231	0.256	-10.8	99	-0.02
57 T	1,3-Dichloropropane	0.352	0.391	-11.1	98	-0.02
58 T	2-Chloroethyl Vinyl ether	0.081	0.091	-12.3	103	-0.02
59 T	2-Hexanone	0.118	0.124	-5.1	99	-0.02
60 T	Dibromochloromethane	0.267	0.299	-12.0	96	-0.02
61 T	1,2-Dibromoethane	0.224	0.249	-11.2	98	-0.02
62 S	4-Bromofluorobenzene	0.344	0.371	-7.8	95	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	-0.03
64 T	Tetrachloroethene	0.384	0.400	-4.2	95	-0.02
65 PM	Chlorobenzene	0.966	0.969	-0.3	95	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.385	0.384	0.3	96	-0.02
67 C	Ethyl Benzene	1.657	1.640	1.0#	95	-0.02
68 T	m/p-Xylenes	0.634	0.614	3.2	92	-0.02
69 T	o-Xylene	0.642	0.675	-5.1	96	-0.02
70 T	Styrene	0.946	0.981	-3.7	96	-0.02
71 P	Bromoform	0.184	0.205	-11.4	102	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	-0.02
73 T	Isopropylbenzene	3.489	3.614	-3.6	98	-0.02
74 T	N-amyl acetate	0.983	0.980	0.3	102	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.745	0.775	-4.0	100	-0.02
76 T	1,2,3-Trichloropropane	0.494	0.506	-2.4	102	-0.02
77 T	Bromobenzene	0.877	0.882	-0.6	99	-0.02
78 T	n-propylbenzene	4.212	4.061	3.6	92	-0.02
79 T	2-Chlorotoluene	2.410	2.314	4.0	92	0.00
80 T	1,3,5-Trimethylbenzene	2.853	2.749	3.6	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.227	-8.6	101	-0.02
82 T	4-Chlorotoluene	2.369	2.362	0.3	96	-0.02
83 T	tert-Butylbenzene	2.827	2.747	2.8	94	-0.02
84 T	1,2,4-Trimethylbenzene	2.705	2.651	2.0	94	0.00
85 T	sec-Butylbenzene	3.725	3.677	1.3	91	0.00
86 T	p-Isopropyltoluene	3.101	2.971	4.2	93	-0.02
87 T	1,3-Dichlorobenzene	1.546	1.501	2.9	98	0.00
88 T	1,4-Dichlorobenzene	1.443	1.436	0.5	98	0.00
89 T	n-Butylbenzene	3.119	2.890	7.3	92	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.756	0.761	-0.7	92	-0.02
91 T	1,2-Dichlorobenzene	1.359	1.375	-1.2	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.092	-13.6	108	-0.02
93 T	1,2,4-Trichlorobenzene	0.933	0.882	5.5	90	-0.02
94 T	Hexachlorobutadiene	0.645	0.593	8.1	85	-0.02
95 T	Naphthalene	1.529	1.578	-3.2	98	-0.02
96 T	1,2,3-Trichlorobenzene	0.852	0.848	0.5	96	0.00

(#) = Out of Range

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