

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062091.D
 Acq On : 22 Mar 2019 19:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 23 05:43:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 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	81	0.00
2 T	Dichlorodifluoromethane	0.641	0.701	-9.4	90	0.00
3 P	Chloromethane	0.670	0.733	-9.4	89	0.00
4 C	Vinyl Chloride	0.620	0.693	-11.8#	90	0.00
5 T	Bromomethane	0.446	0.505	-13.2	94	0.02
6 T	Chloroethane	0.312	0.361	-15.7	93	-0.01
7 T	Trichlorofluoromethane	0.749	0.883	-17.9	93	0.00
8 T	Diethyl Ether	0.171	0.190	-11.1	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.594	-16.2	93	-0.01
10 T	Methyl Iodide	0.971	1.114	-14.7	93	0.00
11 T	Tert butyl alcohol	0.020	0.022	-10.0	85	0.00
12 CM	1,1-Dichloroethene	0.482	0.541	-12.2#	91	-0.01
13 T	Acrolein	0.025	0.024	4.0	76	0.00
14 T	Allyl chloride	0.515	0.648	-25.8#	101	0.00
15 T	Acrylonitrile	0.072	0.081	-12.5	92	0.00
16 T	Acetone	0.078	0.084	-7.7	73	0.00
17 T	Carbon Disulfide	1.470	1.694	-15.2	91	0.00
18 T	Methyl Acetate	0.187	0.179	4.3	86	0.00
19 T	Methyl tert-butyl Ether	0.762	0.907	-19.0	97	0.00
20 T	Methylene Chloride	0.534	0.537	-0.6	92	0.00
21 T	trans-1,2-Dichloroethene	0.464	0.561	-20.9	96	0.00
22 T	Diisopropyl ether	1.349	1.589	-17.8	98	0.00
23 T	Vinyl Acetate	0.552	0.661	-19.7	96	0.00
24 P	1,1-Dichloroethane	0.809	0.952	-17.7	98	0.00
25 T	2-Butanone	0.163	0.184	-12.9	86	0.00
26 T	2,2-Dichloropropane	0.328	0.374	-14.0	90	0.00
27 T	cis-1,2-Dichloroethene	0.614	0.694	-13.0	95	0.00
28 T	Bromochloromethane	0.331	0.373	-12.7	87	0.00
29	Tetrahydrofuran	0.071	0.079	-11.3	93	0.00
30 C	Chloroform	0.855	0.995	-16.4#	96	0.00
31 T	Cyclohexane	0.845	0.943	-11.6	91	0.00
32 T	1,1,1-Trichloroethane	0.520	0.696	-33.8#	111	0.00
33 S	1,2-Dichloroethane-d4	0.372	0.386	-3.8	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.338	0.342	-1.2	82	0.00
36 T	1,1-Dichloropropene	0.476	0.511	-7.4	93	0.00
37 T	Ethyl Acetate	0.208	0.230	-10.6	99	0.00
38 T	Carbon Tetrachloride	0.325	0.380	-16.9	100	0.00
39 T	Methylcyclohexane	0.553	0.615	-11.2	91	0.00
40 TM	Benzene	1.277	1.365	-6.9	92	0.00
41 T	Methacrylonitrile	0.110	0.118	-7.3	92	0.00
42 TM	1,2-Dichloroethane	0.302	0.328	-8.6	93	0.00
43 T	Isopropyl Acetate	0.252	0.268	-6.3	93	0.00
44 TM	Trichloroethene	0.390	0.410	-5.1	91	0.00
45 C	1,2-Dichloropropane	0.305	0.340	-11.5#	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.208	-11.8	97	0.00
47 T	Bromodichloromethane	0.412	0.460	-11.7	97	0.00
48 T	Methyl methacrylate	0.144	0.169	-17.4	102	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	85	0.00
50 S	Toluene-d8	1.010	1.069	-5.8	83	0.00
51 T	4-Methyl-2-Pentanone	0.169	0.186	-10.1	97	0.00
52 CM	Toluene	0.739	0.822	-11.2#	97	0.00
53 T	t-1,3-Dichloropropene	0.324	0.364	-12.3	99	0.00
54 T	cis-1,3-Dichloropropene	0.463	0.528	-14.0	98	0.00
55 T	1,1,2-Trichloroethane	0.210	0.232	-10.5	93	0.00
56 T	Ethyl methacrylate	0.251	0.283	-12.7	94	0.00
57 T	1,3-Dichloropropane	0.349	0.389	-11.5	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.038	0.041	-7.9	88	0.00
59 T	2-Hexanone	0.124	0.129	-4.0	83	0.00
60 T	Dibromochloromethane	0.292	0.332	-13.7	95	0.00
61 T	1,2-Dibromoethane	0.224	0.265	-18.3	96	0.00
62 S	4-Bromofluorobenzene	0.390	0.404	-3.6	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.386	0.401	-3.9	93	0.00
65 PM	Chlorobenzene	0.936	1.031	-10.1	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.376	0.401	-6.6	94	0.00
67 C	Ethyl Benzene	1.627	1.775	-9.1#	98	0.00
68 T	m/p-Xylenes	0.608	0.663	-9.0	98	0.00
69 T	o-Xylene	0.637	0.700	-9.9	92	0.00
70 T	Styrene	0.965	1.086	-12.5	105	0.00
71 P	Bromoform	0.192	0.209	-8.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.518	3.989	-13.4	98	0.00
74 T	N-amyl acetate	0.838	0.946	-12.9	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.604	0.670	-10.9	94	0.00
76 T	1,2,3-Trichloropropane	0.425	0.466	-9.6	99	0.00
77 T	Bromobenzene	0.860	0.942	-9.5	99	0.00
78 T	n-propylbenzene	4.085	4.535	-11.0	98	0.00
79 T	2-Chlorotoluene	2.271	2.553	-12.4	97	0.00
80 T	1,3,5-Trimethylbenzene	2.894	3.195	-10.4	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.173	0.185	-6.9	88	0.00
82 T	4-Chlorotoluene	2.328	2.589	-11.2	100	0.00
83 T	tert-Butylbenzene	3.029	3.336	-10.1	94	0.00
84 T	1,2,4-Trimethylbenzene	2.837	3.242	-14.3	100	0.00
85 T	sec-Butylbenzene	3.919	4.418	-12.7	98	0.00
86 T	p-Isopropyltoluene	3.395	3.848	-13.3	103	0.00
87 T	1,3-Dichlorobenzene	1.597	1.791	-12.1	102	0.00
88 T	1,4-Dichlorobenzene	1.558	1.718	-10.3	95	0.00
89 T	n-Butylbenzene	3.239	3.525	-8.8	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.808	0.864	-6.9	90	0.00
91 T	1,2-Dichlorobenzene	1.500	1.607	-7.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.106	-15.2	96	0.00
93 T	1,2,4-Trichlorobenzene	1.045	1.154	-10.4	101	0.00
94 T	Hexachlorobutadiene	0.695	0.770	-10.8	96	0.00
95 T	Naphthalene	1.831	2.105	-15.0	95	0.00
96 T	1,2,3-Trichlorobenzene	0.978	1.109	-13.4	98	0.00

(#) = Out of Range

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