

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014839.D
 Acq On : 26 Jul 2023 06:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 26 07:42:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	55	0.01
2 T	Dichlorodifluoromethane	0.407	0.357	12.3	51	0.01
3 P	Chloromethane	0.458	0.550	-20.1	68	0.01
4 C	Vinyl Chloride	0.512	0.620	-21.1#	66	0.00
5 T	Bromomethane	0.338	0.455	-34.6#	75	0.02
6 T	Chloroethane	0.320	0.436	-36.3#	74	0.01
7 T	Trichlorofluoromethane	0.860	0.873	-1.5	55	0.02
8 T	Diethyl Ether	0.320	0.354	-10.6	60	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.525	0.4	54	0.02
10 T	Methyl Iodide	0.493	0.563	-14.2	58	0.02
11 T	Tert butyl alcohol	0.125	0.108	13.6	54	0.04
12 CM	1,1-Dichloroethene	0.492	0.502	-2.0#	55	0.02
13 T	Acrolein	0.060	0.032	46.7#	33#	0.02
14 T	Allyl chloride	0.874	0.807	7.7	50	0.02
15 T	Acrylonitrile	0.176	0.214	-21.6	66	0.02
16 T	Acetone	0.181	0.172	5.0	49#	0.02
17 T	Carbon Disulfide	1.410	1.289	8.6	51	0.02
18 T	Methyl Acetate	0.693	1.023	-47.6#	80	0.02
19 T	Methyl tert-butyl Ether	1.599	1.841	-15.1	62	0.02
20 T	Methylene Chloride	0.656	0.638	2.7	59	0.02
21 T	trans-1,2-Dichloroethene	0.559	0.592	-5.9	58	0.02
22 T	Diisopropyl ether	1.777	1.922	-8.2	58	0.02
23 T	Vinyl Acetate	1.064	1.038	2.4	52	0.02
24 P	1,1-Dichloroethane	1.017	1.107	-8.8	59	0.02
25 T	2-Butanone	0.264	0.294	-11.4	60	0.02
26 T	2,2-Dichloropropane	0.969	0.693	28.5#	39#	0.02
27 T	cis-1,2-Dichloroethene	0.650	0.728	-12.0	60	0.02
28 T	Bromochloromethane	0.438	0.467	-6.6	62	0.02
29 T	Tetrahydrofuran	0.163	0.194	-19.0	66	0.02
30 C	Chloroform	1.049	1.183	-12.8#	61	0.01
31 T	Cyclohexane	0.946	0.814	14.0	49#	0.02
32 T	1,1,1-Trichloroethane	0.944	1.013	-7.3	58	0.01
33 S	1,2-Dichloroethane-d4	0.570	0.584	-2.5	58	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.01
35 S	Dibromofluoromethane	0.318	0.305	4.1	56	0.01
36 T	1,1-Dichloropropene	0.476	0.465	2.3	56	0.02
37 T	Ethyl Acetate	0.328	0.343	-4.6	63	0.02
38 T	Carbon Tetrachloride	0.503	0.504	-0.2	57	0.01
39 T	Methylcyclohexane	0.620	0.541	12.7	50	0.01
40 TM	Benzene	1.354	1.404	-3.7	59	0.02
41 T	Methacrylonitrile	0.169	0.185	-9.5	66	0.01
42 TM	1,2-Dichloroethane	0.429	0.469	-9.3	63	0.01
43 T	Isopropyl Acetate	0.624	0.656	-5.1	61	0.01
44 TM	Trichloroethene	0.379	0.390	-2.9	59	0.01
45 C	1,2-Dichloropropane	0.353	0.366	-3.7#	59	0.01
46 T	Dibromomethane	0.214	0.234	-9.3	63	0.01
47 T	Bromodichloromethane	0.505	0.543	-7.5	61	0.00
48 T	Methyl methacrylate	0.281	0.305	-8.5	63	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	65	0.01
50 S	Toluene-d8	1.173	1.085	7.5	55	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.381	-16.2	67	0.00
52 CM	Toluene	0.866	0.894	-3.2#	59	0.01
53 T	t-1,3-Dichloropropene	0.553	0.508	8.1	53	0.01
54 T	cis-1,3-Dichloropropene	0.601	0.562	6.5	53	0.01
55 T	1,1,2-Trichloroethane	0.299	0.333	-11.4	64	0.00
56 T	Ethyl methacrylate	0.456	0.495	-8.6	61	0.00
57 T	1,3-Dichloropropane	0.515	0.560	-8.7	62	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.211	0.9	58	0.00
59 T	2-Hexanone	0.239	0.267	-11.7	64	0.00
60 T	Dibromochloromethane	0.366	0.401	-9.6	62	0.00
61 T	1,2-Dibromoethane	0.298	0.326	-9.4	62	0.00
62 S	4-Bromofluorobenzene	0.450	0.396	12.0	53	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
64 T	Tetrachloroethene	0.402	0.451	-12.2	66	0.01
65 PM	Chlorobenzene	1.065	1.103	-3.6	60	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.435	-8.2	62	0.00
67 C	Ethyl Benzene	1.924	1.946	-1.1#	58	0.00
68 T	m/p-Xylenes	0.734	0.742	-1.1	59	0.01
69 T	o-Xylene	0.715	0.734	-2.7	60	0.00
70 T	Styrene	1.206	1.266	-5.0	60	0.01
71 P	Bromoform	0.272	0.295	-8.5	62	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	61	0.00
73 T	Isopropylbenzene	3.915	3.861	1.4	59	0.00
74 T	N-amyl acetate	1.311	1.182	9.8	53	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.947	-6.0	64	0.00
76 T	1,2,3-Trichloropropane	0.631	0.685	-8.6	65	0.00
77 T	Bromobenzene	0.894	0.939	-5.0	62	0.00
78 T	n-propylbenzene	4.718	4.573	3.1	57	0.00
79 T	2-Chlorotoluene	2.717	2.653	2.4	58	0.00
80 T	1,3,5-Trimethylbenzene	3.270	3.201	2.1	58	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.250	23.3	45#	0.00
82 T	4-Chlorotoluene	2.799	2.695	3.7	57	0.01
83 T	tert-Butylbenzene	2.900	2.836	2.2	57	0.00
84 T	1,2,4-Trimethylbenzene	3.209	3.179	0.9	58	0.00
85 T	sec-Butylbenzene	4.255	4.132	2.9	57	0.00
86 T	p-Isopropyltoluene	3.474	3.392	2.4	57	0.00
87 T	1,3-Dichlorobenzene	1.739	1.782	-2.5	60	0.00
88 T	1,4-Dichlorobenzene	1.743	1.798	-3.2	61	0.00
89 T	n-Butylbenzene	3.380	3.124	7.6	54	0.00
90 T	Hexachloroethane	0.714	0.688	3.6	56	0.00
91 T	1,2-Dichlorobenzene	1.594	1.662	-4.3	61	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.181	-5.8	64	0.00
93 T	1,2,4-Trichlorobenzene	1.012	0.993	1.9	56	0.00
94 T	Hexachlorobutadiene	0.556	0.505	9.2	52	0.00
95 T	Naphthalene	2.357	2.558	-8.5	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.899	0.919	-2.2	59	0.00

(#) = Out of Range

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