

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014553.D
 Acq On : 05 Jul 2023 12:24
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 05 14:53:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 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	66	0.00
2 T	Dichlorodifluoromethane	0.405	0.360	11.1	67	0.00
3 P	Chloromethane	0.579	0.578	0.2	70	0.00
4 C	Vinyl Chloride	0.667	0.672	-0.7#	70	-0.01
5 T	Bromomethane	0.518	0.547	-5.6	77	-0.02
6 T	Chloroethane	0.430	0.441	-2.6	70	-0.02
7 T	Trichlorofluoromethane	0.811	0.795	2.0	68	-0.02
8 T	Diethyl Ether	0.307	0.301	2.0	65	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.492	-1.7	71	-0.02
10 T	Methyl Iodide	0.552	0.498	9.8	56	-0.01
11 T	Tert butyl alcohol	0.100	0.078	22.0	61	0.00
12 CM	1,1-Dichloroethene	0.469	0.460	1.9#	66	-0.01
13 T	Acrolein	0.063	0.072	-14.3	72	0.00
14 T	Allyl chloride	0.707	0.703	0.6	65	-0.01
15 T	Acrylonitrile	0.176	0.180	-2.3	65	-0.01
16 T	Acetone	0.155	0.145	6.5	62	-0.01
17 T	Carbon Disulfide	1.429	1.394	2.4	65	-0.02
18 T	Methyl Acetate	0.707	0.707	0.0	67	-0.01
19 T	Methyl tert-butyl Ether	1.348	1.379	-2.3	66	0.00
20 T	Methylene Chloride	0.673	0.588	12.6	68	-0.01
21 T	trans-1,2-Dichloroethene	0.531	0.537	-1.1	67	-0.01
22 T	Diisopropyl ether	1.457	1.494	-2.5	65	0.00
23 T	Vinyl Acetate	0.843	0.875	-3.8	63	-0.01
24 P	1,1-Dichloroethane	0.914	0.911	0.3	66	0.00
25 T	2-Butanone	0.230	0.221	3.9	60	-0.01
26 T	2,2-Dichloropropane	0.779	0.708	9.1	62	-0.01
27 T	cis-1,2-Dichloroethene	0.602	0.578	4.0	63	0.00
28 T	Bromochloromethane	0.384	0.369	3.9	64	0.00
29 T	Tetrahydrofuran	0.148	0.151	-2.0	62	0.00
30 C	Chloroform	0.954	0.936	1.9#	66	0.00
31 T	Cyclohexane	0.780	0.737	5.5	65	-0.01
32 T	1,1,1-Trichloroethane	0.815	0.778	4.5	64	-0.01
33 S	1,2-Dichloroethane-d4	0.497	0.491	1.2	65	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	63	0.00
35 S	Dibromofluoromethane	0.308	0.321	-4.2	65	0.00
36 T	1,1-Dichloropropene	0.472	0.488	-3.4	65	-0.01
37 T	Ethyl Acetate	0.323	0.340	-5.3	64	0.00
38 T	Carbon Tetrachloride	0.492	0.501	-1.8	65	0.00
39 T	Methylcyclohexane	0.564	0.593	-5.1	66	0.00
40 TM	Benzene	1.427	1.430	-0.2	63	0.00
41 T	Methacrylonitrile	0.158	0.163	-3.2	63	0.00
42 TM	1,2-Dichloroethane	0.420	0.440	-4.8	66	0.00
43 T	Isopropyl Acetate	0.548	0.570	-4.0	63	0.00
44 TM	Trichloroethene	0.398	0.397	0.3	64	0.00
45 C	1,2-Dichloropropane	0.366	0.385	-5.2#	66	0.00
46 T	Dibromomethane	0.223	0.236	-5.8	66	0.00
47 T	Bromodichloromethane	0.491	0.512	-4.3	66	0.00
48 T	Methyl methacrylate	0.249	0.271	-8.8	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	58	-0.02
50 S	Toluene-d8	1.217	1.243	-2.1	64	0.00
51 T	4-Methyl-2-Pentanone	0.324	0.349	-7.7	64	0.00
52 CM	Toluene	0.898	0.904	-0.7#	63	0.00
53 T	t-1,3-Dichloropropene	0.525	0.543	-3.4	64	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.606	-3.4	64	0.00
55 T	1,1,2-Trichloroethane	0.324	0.334	-3.1	64	0.00
56 T	Ethyl methacrylate	0.441	0.469	-6.3	63	0.00
57 T	1,3-Dichloropropane	0.529	0.551	-4.2	66	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.232	-8.4	63	0.00
59 T	2-Hexanone	0.234	0.255	-9.0	63	0.00
60 T	Dibromochloromethane	0.380	0.392	-3.2	64	0.00
61 T	1,2-Dibromoethane	0.317	0.325	-2.5	63	0.00
62 S	4-Bromofluorobenzene	0.423	0.433	-2.4	64	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	64	0.00
64 T	Tetrachloroethene	0.447	0.454	-1.6	66	0.00
65 PM	Chlorobenzene	1.066	1.063	0.3	64	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.410	-1.2	65	0.00
67 C	Ethyl Benzene	1.817	1.859	-2.3#	64	0.00
68 T	m/p-Xylenes	0.721	0.727	-0.8	63	0.00
69 T	o-Xylene	0.684	0.692	-1.2	63	0.00
70 T	Styrene	1.176	1.215	-3.3	63	0.00
71 P	Bromoform	0.308	0.313	-1.6	64	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.275	3.330	-1.7	64	0.00
74 T	N-amyl acetate	0.988	1.043	-5.6	64	0.00
75 P	1,1,2,2-Tetrachloroethane	0.840	0.865	-3.0	65	0.00
76 T	1,2,3-Trichloropropane	0.587	0.609	-3.7	66	0.00
77 T	Bromobenzene	0.894	0.900	-0.7	64	0.00
78 T	n-propylbenzene	3.995	4.135	-3.5	65	0.00
79 T	2-Chlorotoluene	2.299	2.333	-1.5	65	0.00
80 T	1,3,5-Trimethylbenzene	2.772	2.852	-2.9	65	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.303	-0.7	64	0.00
82 T	4-Chlorotoluene	2.408	2.435	-1.1	65	0.00
83 T	tert-Butylbenzene	2.436	2.452	-0.7	63	0.00
84 T	1,2,4-Trimethylbenzene	2.766	2.844	-2.8	64	0.00
85 T	sec-Butylbenzene	3.595	3.705	-3.1	66	0.00
86 T	p-Isopropyltoluene	3.026	3.127	-3.3	65	0.00
87 T	1,3-Dichlorobenzene	1.749	1.740	0.5	64	0.00
88 T	1,4-Dichlorobenzene	1.753	1.729	1.4	65	0.00
89 T	n-Butylbenzene	2.796	2.941	-5.2	67	0.00
90 T	Hexachloroethane	0.599	0.620	-3.5	68	0.00
91 T	1,2-Dichlorobenzene	1.584	1.602	-1.1	65	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.158	-2.6	65	0.00
93 T	1,2,4-Trichlorobenzene	1.023	1.070	-4.6	66	0.00
94 T	Hexachlorobutadiene	0.629	0.660	-4.9	69	0.00
95 T	Naphthalene	2.177	2.295	-5.4	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.932	0.979	-5.0	66	0.00

(#) = Out of Range

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