

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015796.D
 Acq On : 03 Oct 2023 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 04 01:04:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 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	97	0.00
2 T	Dichlorodifluoromethane	0.330	0.287	13.0	77	0.00
3 P	Chloromethane	0.416	0.431	-3.6	92	0.00
4 C	Vinyl Chloride	0.475	0.477	-0.4#	89	0.01
5 T	Bromomethane	0.361	0.405	-12.2	96	0.01
6 T	Chloroethane	0.352	0.403	-14.5	103	0.00
7 T	Trichlorofluoromethane	0.797	0.751	5.8	87	0.01
8 T	Diethyl Ether	0.340	0.413	-21.5	112	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.465	6.8	86	0.00
10 T	Methyl Iodide	0.519	0.640	-23.3	102	0.01
11 T	Tert butyl alcohol	0.174	0.148	14.9	134	0.03
12 CM	1,1-Dichloroethene	0.440	0.448	-1.8#	94	0.00
13 T	Acrolein	0.084	0.080	4.8	91	0.01
14 T	Allyl chloride	0.804	0.917	-14.1	104	0.00
15 T	Acrylonitrile	0.249	0.294	-18.1	113	0.00
16 T	Acetone	0.294	0.306	-4.1	104	0.02
17 T	Carbon Disulfide	0.855	0.831	2.8	84	0.01
18 T	Methyl Acetate	0.988	1.307	-32.3#	125	0.01
19 T	Methyl tert-butyl Ether	1.792	2.250	-25.6#	116	0.02
20 T	Methylene Chloride	0.779	0.750	3.7	110	0.01
21 T	trans-1,2-Dichloroethene	0.503	0.560	-11.3	99	0.00
22 T	Diisopropyl ether	1.936	2.399	-23.9	112	0.01
23 T	Vinyl Acetate	1.195	1.373	-14.9	105	0.01
24 P	1,1-Dichloroethane	1.055	1.237	-17.3	108	0.02
25 T	2-Butanone	0.416	0.460	-10.6	113	0.02
26 T	2,2-Dichloropropane	0.964	1.026	-6.4	106	0.01
27 T	cis-1,2-Dichloroethene	0.667	0.798	-19.6	109	0.01
28 T	Bromochloromethane	0.286	0.241	15.7	80	0.01
29 T	Tetrahydrofuran	0.235	0.279	-18.7	114	0.00
30 C	Chloroform	1.130	1.366	-20.9#	113	0.01
31 T	Cyclohexane	0.762	0.656	13.9	82	0.00
32 T	1,1,1-Trichloroethane	0.933	1.050	-12.5	104	0.01
33 S	1,2-Dichloroethane-d4	0.550	0.570	-3.6	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.299	0.293	2.0	109	0.00
36 T	1,1-Dichloropropene	0.442	0.426	3.6	97	0.01
37 T	Ethyl Acetate	0.441	0.462	-4.8	110	0.01
38 T	Carbon Tetrachloride	0.480	0.471	1.9	99	0.00
39 T	Methylcyclohexane	0.489	0.402	17.8	82	0.00
40 TM	Benzene	1.349	1.442	-6.9	106	0.01
41 T	Methacrylonitrile	0.238	0.248	-4.2	123	0.00
42 TM	1,2-Dichloroethane	0.462	0.506	-9.5	111	0.00
43 T	Isopropyl Acetate	0.754	0.837	-11.0	115	0.01
44 TM	Trichloroethene	0.377	0.404	-7.2	108	0.00
45 C	1,2-Dichloropropane	0.376	0.422	-12.2#	112	0.00
46 T	Dibromomethane	0.241	0.269	-11.6	112	0.01
47 T	Bromodichloromethane	0.537	0.614	-14.3	115	0.00
48 T	Methyl methacrylate	0.331	0.383	-15.7	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.006	-20.0	126	0.02
50 S	Toluene-d8	1.015	0.999	1.6	115	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.530	-13.5	118	0.00
52 CM	Toluene	0.870	0.938	-7.8#	107	0.00
53 T	t-1,3-Dichloropropene	0.575	0.657	-14.3	113	0.00
54 T	cis-1,3-Dichloropropene	0.619	0.702	-13.4	114	0.00
55 T	1,1,2-Trichloroethane	0.353	0.406	-15.0	117	0.00
56 T	Ethyl methacrylate	0.520	0.608	-16.9	115	0.00
57 T	1,3-Dichloropropane	0.592	0.663	-12.0	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.117	29.1#	77	0.00
59 T	2-Hexanone	0.359	0.400	-11.4	117	0.00
60 T	Dibromochloromethane	0.412	0.483	-17.2	118	0.00
61 T	1,2-Dibromoethane	0.345	0.388	-12.5	116	0.00
62 S	4-Bromofluorobenzene	0.398	0.387	2.8	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.429	0.461	-7.5	108	0.00
65 PM	Chlorobenzene	1.091	1.204	-10.4	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.424	0.496	-17.0	117	0.00
67 C	Ethyl Benzene	1.908	2.088	-9.4#	109	0.00
68 T	m/p-Xylenes	0.725	0.790	-9.0	108	0.00
69 T	o-Xylene	0.711	0.796	-12.0	111	0.00
70 T	Styrene	1.217	1.394	-14.5	112	0.00
71 P	Bromoform	0.307	0.373	-21.5	121	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.751	4.062	-8.3	108	0.00
74 T	N-amyl acetate	1.410	1.618	-14.8	113	0.00
75 P	1,1,2,2-Tetrachloroethane	1.044	1.203	-15.2	120	0.00
76 T	1,2,3-Trichloropropane	0.798	0.847	-6.1	106	0.00
77 T	Bromobenzene	0.921	1.044	-13.4	115	0.00
78 T	n-propylbenzene	4.557	4.894	-7.4	106	0.00
79 T	2-Chlorotoluene	2.597	2.891	-11.3	110	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.501	-11.5	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.354	0.414	-16.9	117	0.00
82 T	4-Chlorotoluene	2.712	2.993	-10.4	109	0.00
83 T	tert-Butylbenzene	2.750	3.118	-13.4	112	0.00
84 T	1,2,4-Trimethylbenzene	3.142	3.550	-13.0	111	0.00
85 T	sec-Butylbenzene	4.116	4.414	-7.2	105	0.00
86 T	p-Isopropyltoluene	3.438	3.803	-10.6	108	0.00
87 T	1,3-Dichlorobenzene	1.827	2.038	-11.5	111	0.00
88 T	1,4-Dichlorobenzene	1.827	2.043	-11.8	112	0.00
89 T	n-Butylbenzene	3.256	3.405	-4.6	103	0.00
90 T	Hexachloroethane	0.664	0.768	-15.7	115	0.00
91 T	1,2-Dichlorobenzene	1.686	1.934	-14.7	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.238	-15.0	122	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.226	-15.4	114	0.00
94 T	Hexachlorobutadiene	0.544	0.558	-2.6	100	0.00
95 T	Naphthalene	2.768	3.407	-23.1	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	1.162	-18.6	117	0.00

(#) = Out of Range

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