

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014618.D
 Acq On : 10 Jul 2023 16:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 03:19:45 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	77	0.00
2 T	Dichlorodifluoromethane	0.405	0.379	6.4	82	0.00
3 P	Chloromethane	0.579	0.582	-0.5	81	0.00
4 C	Vinyl Chloride	0.667	0.724	-8.5#	87	0.00
5 T	Bromomethane	0.518	0.531	-2.5	86	-0.02
6 T	Chloroethane	0.430	0.480	-11.6	88	-0.01
7 T	Trichlorofluoromethane	0.811	0.880	-8.5	87	-0.02
8 T	Diethyl Ether	0.307	0.314	-2.3	79	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.540	-11.6	90	-0.02
10 T	Methyl Iodide	0.552	0.617	-11.8	81	-0.01
11 T	Tert butyl alcohol	0.100	0.075	25.0#	68	-0.02
12 CM	1,1-Dichloroethene	0.469	0.504	-7.5#	83	-0.02
13 T	Acrolein	0.063	0.041	34.9#	48#	-0.01
14 T	Allyl chloride	0.707	0.740	-4.7	80	-0.02
15 T	Acrylonitrile	0.176	0.181	-2.8	76	-0.01
16 T	Acetone	0.155	0.146	5.8	72	-0.01
17 T	Carbon Disulfide	1.429	1.478	-3.4	80	-0.01
18 T	Methyl Acetate	0.707	0.712	-0.7	78	0.00
19 T	Methyl tert-butyl Ether	1.348	1.507	-11.8	83	-0.01
20 T	Methylene Chloride	0.673	0.657	2.4	88	-0.01
21 T	trans-1,2-Dichloroethene	0.531	0.569	-7.2	82	-0.02
22 T	Diisopropyl ether	1.457	1.512	-3.8	76	0.00
23 T	Vinyl Acetate	0.843	0.891	-5.7	75	-0.01
24 P	1,1-Dichloroethane	0.914	0.949	-3.8	80	0.00
25 T	2-Butanone	0.230	0.220	4.3	70	-0.01
26 T	2,2-Dichloropropane	0.779	0.740	5.0	75	-0.01
27 T	cis-1,2-Dichloroethene	0.602	0.629	-4.5	79	0.00
28 T	Bromochloromethane	0.384	0.382	0.5	76	0.00
29 T	Tetrahydrofuran	0.148	0.150	-1.4	72	0.00
30 C	Chloroform	0.954	0.998	-4.6#	81	-0.01
31 T	Cyclohexane	0.780	0.781	-0.1	80	-0.01
32 T	1,1,1-Trichloroethane	0.815	0.847	-3.9	81	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.503	-1.2	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
35 S	Dibromofluoromethane	0.308	0.333	-8.1	79	0.00
36 T	1,1-Dichloropropene	0.472	0.497	-5.3	79	-0.01
37 T	Ethyl Acetate	0.323	0.332	-2.8	74	0.00
38 T	Carbon Tetrachloride	0.492	0.541	-10.0	83	0.00
39 T	Methylcyclohexane	0.564	0.633	-12.2	83	0.00
40 TM	Benzene	1.427	1.490	-4.4	78	0.00
41 T	Methacrylonitrile	0.158	0.165	-4.4	75	0.00
42 TM	1,2-Dichloroethane	0.420	0.454	-8.1	80	-0.01
43 T	Isopropyl Acetate	0.548	0.567	-3.5	74	0.00
44 TM	Trichloroethene	0.398	0.428	-7.5	81	0.00
45 C	1,2-Dichloropropane	0.366	0.394	-7.7#	80	0.00
46 T	Dibromomethane	0.223	0.237	-6.3	79	0.00
47 T	Bromodichloromethane	0.491	0.540	-10.0	82	0.00
48 T	Methyl methacrylate	0.249	0.270	-8.4	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	70	-0.03
50 S	Toluene-d8	1.217	1.268	-4.2	78	0.00
51 T	4-Methyl-2-Pentanone	0.324	0.344	-6.2	74	0.00
52 CM	Toluene	0.898	0.957	-6.6#	79	0.00
53 T	t-1,3-Dichloropropene	0.525	0.573	-9.1	79	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.635	-8.4	80	0.00
55 T	1,1,2-Trichloroethane	0.324	0.352	-8.6	79	0.00
56 T	Ethyl methacrylate	0.441	0.479	-8.6	76	0.00
57 T	1,3-Dichloropropane	0.529	0.562	-6.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.225	-5.1	73	0.00
59 T	2-Hexanone	0.234	0.251	-7.3	74	0.00
60 T	Dibromochloromethane	0.380	0.421	-10.8	82	0.00
61 T	1,2-Dibromoethane	0.317	0.344	-8.5	79	0.00
62 S	4-Bromofluorobenzene	0.423	0.447	-5.7	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.447	0.485	-8.5	81	0.00
65 PM	Chlorobenzene	1.066	1.162	-9.0	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.442	-9.1	80	0.00
67 C	Ethyl Benzene	1.817	2.005	-10.3#	80	0.00
68 T	m/p-Xylenes	0.721	0.786	-9.0	79	0.00
69 T	o-Xylene	0.684	0.759	-11.0	79	0.00
70 T	Styrene	1.176	1.319	-12.2	79	0.00
71 P	Bromoform	0.308	0.352	-14.3	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.275	3.613	-10.3	82	0.00
74 T	N-ethyl acetate	0.988	1.053	-6.6	76	0.00
75 P	1,1,2,2-Tetrachloroethane	0.840	0.897	-6.8	79	0.00
76 T	1,2,3-Trichloropropane	0.587	0.619	-5.5	79	0.00
77 T	Bromobenzene	0.894	0.946	-5.8	79	0.00
78 T	n-propylbenzene	3.995	4.312	-7.9	80	0.00
79 T	2-Chlorotoluene	2.299	2.426	-5.5	79	0.00
80 T	1,3,5-Trimethylbenzene	2.772	3.097	-11.7	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.305	-1.3	75	0.00
82 T	4-Chlorotoluene	2.408	2.515	-4.4	78	0.00
83 T	tert-Butylbenzene	2.436	2.656	-9.0	80	0.00
84 T	1,2,4-Trimethylbenzene	2.766	3.063	-10.7	81	0.00
85 T	sec-Butylbenzene	3.595	3.922	-9.1	82	0.00
86 T	p-Isopropyltoluene	3.026	3.280	-8.4	80	0.00
87 T	1,3-Dichlorobenzene	1.749	1.883	-7.7	82	0.00
88 T	1,4-Dichlorobenzene	1.753	1.875	-7.0	82	0.00
89 T	n-Butylbenzene	2.796	3.083	-10.3	83	0.00
90 T	Hexachloroethane	0.599	0.651	-8.7	84	0.00
91 T	1,2-Dichlorobenzene	1.584	1.734	-9.5	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.164	-6.5	79	0.00
93 T	1,2,4-Trichlorobenzene	1.023	1.209	-18.2	88	0.00
94 T	Hexachlorobutadiene	0.629	0.741	-17.8	91	0.00
95 T	Naphthalene	2.177	2.506	-15.1	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.932	1.099	-17.9	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6