

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016963.D
 Acq On : 10 Jan 2024 10:16
 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: Jan 11 00:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 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	79	0.00
2 T	Dichlorodifluoromethane	0.403	0.353	12.4	71	0.00
3 P	Chloromethane	0.587	0.642	-9.4	85	0.00
4 C	Vinyl Chloride	0.693	0.788	-13.7#	86	0.00
5 T	Bromomethane	0.496	0.552	-11.3	90	0.00
6 T	Chloroethane	0.469	0.547	-16.6	89	0.00
7 T	Trichlorofluoromethane	0.854	0.946	-10.8	84	0.00
8 T	Diethyl Ether	0.273	0.279	-2.2	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.598	-7.7	83	0.00
10 T	Methyl Iodide	0.472	0.526	-11.4	78	0.00
11 T	Tert butyl alcohol	0.048	0.033	31.3#	70	0.00
12 CM	1,1-Dichloroethene	0.476	0.526	-10.5#	84	0.00
13 T	Acrolein	0.060	0.049	18.3	73	0.00
14 T	Allyl chloride	0.753	0.849	-12.7	84	0.00
15 T	Acrylonitrile	0.128	0.126	1.6	75	0.00
16 T	Acetone	0.149	0.114	23.5	72	0.00
17 T	Carbon Disulfide	1.138	1.137	0.1	71	0.00
18 T	Methyl Acetate	0.529	0.581	-9.8	75	0.00
19 T	Methyl tert-butyl Ether	1.239	1.297	-4.7	77	0.00
20 T	Methylene Chloride	0.817	0.619	24.2	74	0.00
21 T	trans-1,2-Dichloroethene	0.545	0.593	-8.8	81	0.00
22 T	Diisopropyl ether	1.741	1.929	-10.8	80	0.00
23 T	Vinyl Acetate	0.798	0.804	-0.8	75	0.00
24 P	1,1-Dichloroethane	1.046	1.180	-12.8	85	0.00
25 T	2-Butanone	0.188	0.161	14.4	72	0.00
26 T	2,2-Dichloropropane	0.907	1.057	-16.5	88	0.00
27 T	cis-1,2-Dichloroethene	0.639	0.729	-14.1	85	0.00
28 T	Bromochloromethane	0.393	0.483	-22.9	84	0.00
29 T	Tetrahydrofuran	0.100	0.095	5.0	70	0.00
30 C	Chloroform	1.078	1.232	-14.3#	86	0.00
31 T	Cyclohexane	0.848	0.876	-3.3	79	0.00
32 T	1,1,1-Trichloroethane	0.914	1.063	-16.3	87	0.00
33 S	1,2-Dichloroethane-d4	0.494	0.512	-3.6	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.319	0.349	-9.4	85	0.00
36 T	1,1-Dichloropropene	0.464	0.518	-11.6	83	0.00
37 T	Ethyl Acetate	0.211	0.196	7.1	70	0.00
38 T	Carbon Tetrachloride	0.472	0.542	-14.8	86	0.00
39 T	Methylcyclohexane	0.522	0.571	-9.4	78	0.00
40 TM	Benzene	1.393	1.551	-11.3	83	0.00
41 T	Methacrylonitrile	0.111	0.127	-14.4	94	0.00
42 TM	1,2-Dichloroethane	0.370	0.408	-10.3	84	0.00
43 T	Isopropyl Acetate	0.404	0.395	2.2	74	0.00
44 TM	Trichloroethene	0.354	0.397	-12.1	83	0.00
45 C	1,2-Dichloropropane	0.359	0.400	-11.4#	83	0.00
46 T	Dibromomethane	0.183	0.195	-6.6	80	0.00
47 T	Bromodichloromethane	0.491	0.556	-13.2	85	0.00
48 T	Methyl methacrylate	0.218	0.217	0.5	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50 S	Toluene-d8	1.097	1.237	-12.8	84	0.00
51 T	4-Methyl-2-Pentanone	0.215	0.211	1.9	71	0.00
52 CM	Toluene	0.841	0.971	-15.5#	85	0.00
53 T	t-1,3-Dichloropropene	0.440	0.482	-9.5	80	0.00
54 T	cis-1,3-Dichloropropene	0.529	0.599	-13.2	83	0.00
55 T	1,1,2-Trichloroethane	0.267	0.280	-4.9	79	0.00
56 T	Ethyl methacrylate	0.226	0.240	-6.2	76	0.00
57 T	1,3-Dichloropropane	0.446	0.475	-6.5	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.129	0.131	-1.6	72	0.00
59 T	2-Hexanone	0.158	0.146	7.6	71	0.00
60 T	Dibromochloromethane	0.308	0.335	-8.8	81	0.00
61 T	1,2-Dibromoethane	0.232	0.249	-7.3	79	0.00
62 S	4-Bromofluorobenzene	0.370	0.409	-10.5	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.324	0.356	-9.9	82	0.00
65 PM	Chlorobenzene	1.042	1.184	-13.6	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.446	-12.6	84	0.00
67 C	Ethyl Benzene	1.875	2.213	-18.0#	85	0.00
68 T	m/p-Xylenes	0.688	0.834	-21.2	87	0.00
69 T	o-Xylene	0.645	0.776	-20.3	86	0.00
70 T	Styrene	0.939	1.143	-21.7	85	0.00
71 P	Bromoform	0.195	0.207	-6.2	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	4.083	4.823	-18.1	87	0.00
74 T	N-amyl acetate	0.820	0.820	0.0	74	0.00
75 P	1,1,2,2-Tetrachloroethane	0.832	0.816	1.9	77	0.00
76 T	1,2,3-Trichloropropane	0.543	0.548	-0.9	70	0.00
77 T	Bromobenzene	0.899	0.989	-10.0	85	0.00
78 T	n-propylbenzene	4.964	5.882	-18.5	87	0.00
79 T	2-Chlorotoluene	2.753	3.176	-15.4	87	0.00
80 T	1,3,5-Trimethylbenzene	3.229	3.872	-19.9	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.239	0.236	1.3	77	0.00
82 T	4-Chlorotoluene	2.812	3.268	-16.2	88	0.00
83 T	tert-Butylbenzene	2.844	3.458	-21.6	91	0.00
84 T	1,2,4-Trimethylbenzene	3.180	3.822	-20.2	88	0.00
85 T	sec-Butylbenzene	4.214	5.095	-20.9	89	0.00
86 T	p-Isopropyltoluene	3.478	4.278	-23.0	89	0.00
87 T	1,3-Dichlorobenzene	1.763	2.013	-14.2	87	0.00
88 T	1,4-Dichlorobenzene	1.724	1.923	-11.5	86	0.00
89 T	n-Butylbenzene	3.344	4.129	-23.5	90	0.00
90 T	Hexachloroethane	0.747	0.840	-12.4	86	0.00
91 T	1,2-Dichlorobenzene	1.524	1.703	-11.7	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.096	7.7	75	0.00
93 T	1,2,4-Trichlorobenzene	0.757	0.876	-15.7	84	0.00
94 T	Hexachlorobutadiene	0.474	0.545	-15.0	87	0.00
95 T	Naphthalene	1.345	1.467	-9.1	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.729	-13.6	83	0.00

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