

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017540.D
 Acq On : 29 Feb 2024 20:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 01 00:35:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 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	70	0.01
2 T	Dichlorodifluoromethane	0.369	0.335	9.2	65	0.00
3 P	Chloromethane	0.674	0.662	1.8	70	0.01
4 C	Vinyl Chloride	0.865	0.834	3.6#	68	0.00
5 T	Bromomethane	0.705	0.751	-6.5	78	0.01
6 T	Chloroethane	0.545	0.583	-7.0	74	0.01
7 T	Trichlorofluoromethane	0.881	0.844	4.2	67	0.01
8 T	Diethyl Ether	0.258	0.301	-16.7	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.518	-2.2	71	0.02
10 T	Methyl Iodide	0.569	0.612	-7.6	69	0.02
11 T	Tert butyl alcohol	0.040	0.036	10.0	68	0.01
12 CM	1,1-Dichloroethene	0.472	0.501	-6.1#	73	0.02
13 T	Acrolein	0.053	0.062	-17.0	82	0.01
14 T	Allyl chloride	0.571	0.639	-11.9	75	0.02
15 T	Acrylonitrile	0.106	0.130	-22.6	80	0.01
16 T	Acetone	0.092	0.095	-3.3	70	0.01
17 T	Carbon Disulfide	1.418	1.483	-4.6	72	0.01
18 T	Methyl Acetate	0.223	0.295	-32.3#	84	0.01
19 T	Methyl tert-butyl Ether	1.101	1.303	-18.3	76	0.01
20 T	Methylene Chloride	0.658	0.620	5.8	75	0.02
21 T	trans-1,2-Dichloroethene	0.553	0.621	-12.3	76	0.02
22 T	Diisopropyl ether	1.317	1.581	-20.0	78	0.00
23 T	Vinyl Acetate	0.785	0.926	-18.0	75	0.02
24 P	1,1-Dichloroethane	0.900	1.042	-15.8	79	0.02
25 T	2-Butanone	0.131	0.152	-16.0	75	0.02
26 T	2,2-Dichloropropane	0.756	0.740	2.1	68	0.02
27 T	cis-1,2-Dichloroethene	0.621	0.722	-16.3	77	0.00
28 T	Bromochloromethane	0.354	0.514	-45.2#	118	0.01
29 T	Tetrahydrofuran	0.079	0.099	-25.3#	79	0.01
30 C	Chloroform	0.958	1.124	-17.3#	80	0.01
31 T	Cyclohexane	0.771	0.765	0.8	69	0.01
32 T	1,1,1-Trichloroethane	0.832	0.915	-10.0	75	0.01
33 S	1,2-Dichloroethane-d4	0.474	0.490	-3.4	73	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.01
35 S	Dibromofluoromethane	0.348	0.339	2.6	73	0.01
36 T	1,1-Dichloropropene	0.470	0.496	-5.5	75	0.01
37 T	Ethyl Acetate	0.186	0.211	-13.4	79	0.01
38 T	Carbon Tetrachloride	0.471	0.493	-4.7	73	0.01
39 T	Methylcyclohexane	0.565	0.557	1.4	68	0.01
40 TM	Benzene	1.396	1.542	-10.5	78	0.01
41 T	Methacrylonitrile	0.093	0.099	-6.5	69	0.00
42 TM	1,2-Dichloroethane	0.341	0.378	-10.9	77	0.00
43 T	Isopropyl Acetate	0.326	0.377	-15.6	78	0.01
44 TM	Trichloroethene	0.402	0.432	-7.5	77	0.01
45 C	1,2-Dichloropropane	0.332	0.369	-11.1#	78	0.00
46 T	Dibromomethane	0.190	0.213	-12.1	78	0.01
47 T	Bromodichloromethane	0.462	0.520	-12.6	78	0.00
48 T	Methyl methacrylate	0.151	0.171	-13.2	75	0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	75	0.00
50 S	Toluene-d8	1.218	1.258	-3.3	73	0.00
51 T	4-Methyl-2-Pentanone	0.182	0.216	-18.7	79	0.00
52 CM	Toluene	0.880	0.968	-10.0#	77	0.01
53 T	t-1,3-Dichloropropene	0.428	0.469	-9.6	74	0.00
54 T	cis-1,3-Dichloropropene	0.521	0.572	-9.8	76	0.00
55 T	1,1,2-Trichloroethane	0.270	0.306	-13.3	80	0.00
56 T	Ethyl methacrylate	0.303	0.359	-18.5	76	0.00
57 T	1,3-Dichloropropane	0.439	0.497	-13.2	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.156	0.193	-23.7	98	0.00
59 T	2-Hexanone	0.125	0.145	-16.0	75	0.00
60 T	Dibromochloromethane	0.319	0.364	-14.1	78	0.00
61 T	1,2-Dibromoethane	0.249	0.282	-13.3	78	0.00
62 S	4-Bromofluorobenzene	0.383	0.385	-0.5	70	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.480	0.498	-3.8	75	0.01
65 PM	Chlorobenzene	1.061	1.158	-9.1	77	0.00
66 T	1,1,1,2-Tetrachloroethane	0.398	0.440	-10.6	78	0.00
67 C	Ethyl Benzene	1.861	2.043	-9.8#	76	0.00
68 T	m/p-Xylenes	0.731	0.805	-10.1	76	0.00
69 T	o-Xylene	0.679	0.756	-11.3	75	0.01
70 T	Styrene	1.126	1.275	-13.2	75	0.00
71 P	Bromoform	0.220	0.253	-15.0	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	3.715	4.108	-10.6	73	0.01
74 T	N-amyl acetate	0.655	0.759	-15.9	73	0.00
75 P	1,1,2,2-Tetrachloroethane	0.638	0.785	-23.0	81	0.00
76 T	1,2,3-Trichloropropane	0.475	0.556	-17.1	81	0.00
77 T	Bromobenzene	0.900	0.996	-10.7	75	0.00
78 T	n-propylbenzene	4.457	4.912	-10.2	73	0.01
79 T	2-Chlorotoluene	2.495	2.740	-9.8	74	0.01
80 T	1,3,5-Trimethylbenzene	2.976	3.315	-11.4	73	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.229	-10.6	73	0.00
82 T	4-Chlorotoluene	2.552	2.795	-9.5	74	0.01
83 T	tert-Butylbenzene	2.613	2.899	-10.9	73	0.00
84 T	1,2,4-Trimethylbenzene	2.938	3.277	-11.5	73	0.00
85 T	sec-Butylbenzene	3.996	4.310	-7.9	71	0.00
86 T	p-Isopropyltoluene	3.271	3.512	-7.4	70	0.00
87 T	1,3-Dichlorobenzene	1.806	1.949	-7.9	73	0.00
88 T	1,4-Dichlorobenzene	1.755	1.863	-6.2	71	0.00
89 T	n-Butylbenzene	2.984	3.070	-2.9	66	0.00
90 T	Hexachloroethane	0.656	0.703	-7.2	73	0.00
91 T	1,2-Dichlorobenzene	1.527	1.694	-10.9	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.095	-5.6	72	0.00
93 T	1,2,4-Trichlorobenzene	0.807	0.788	2.4	62	0.00
94 T	Hexachlorobutadiene	0.498	0.467	6.2	64	0.00
95 T	Naphthalene	1.379	1.423	-3.2	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.692	0.672	2.9	62	0.00

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