

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015995.D
 Acq On : 17 Oct 2023 09:21
 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 18 06:03:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 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	90	0.00
2 T	Dichlorodifluoromethane	0.418	0.419	-0.2	86	0.00
3 P	Chloromethane	0.745	0.580	22.1	85	0.00
4 C	Vinyl Chloride	0.535	0.571	-6.7#	94	0.00
5 T	Bromomethane	0.303	0.354	-16.8	97	0.01
6 T	Chloroethane	0.346	0.333	3.8	81	0.01
7 T	Trichlorofluoromethane	0.908	1.033	-13.8	101	0.01
8 T	Diethyl Ether	0.339	0.310	8.6	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.536	-3.9	94	0.00
10 T	Methyl Iodide	0.594	0.603	-1.5	84	0.00
11 T	Tert butyl alcohol	0.331	0.360	-8.8	135	0.12
12 CM	1,1-Dichloroethene	0.486	0.518	-6.6#	95	0.00
13 T	Acrolein	0.108	0.104	3.7	79	0.01
14 T	Allyl chloride	0.786	0.914	-16.3	102	0.00
15 T	Acrylonitrile	0.299	0.331	-10.7	96	0.02
16 T	Acetone	0.331	0.452	-36.6#	104	0.04
17 T	Carbon Disulfide	1.486	1.537	-3.4	92	0.00
18 T	Methyl Acetate	1.150	1.361	-18.3	104	0.02
19 T	Methyl tert-butyl Ether	1.630	1.378	15.5	73	0.01
20 T	Methylene Chloride	0.750	0.596	20.5	86	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.551	3.0	87	0.00
22 T	Diisopropyl ether	1.632	1.541	5.6	83	0.01
23 T	Vinyl Acetate	1.073	0.837	22.0	65	0.01
24 P	1,1-Dichloroethane	0.971	0.943	2.9	87	0.00
25 T	2-Butanone	0.482	0.549	-13.9	99	0.02
26 T	2,2-Dichloropropane	0.806	0.695	13.8	78	0.00
27 T	cis-1,2-Dichloroethene	0.639	0.596	6.7	83	0.00
28 T	Bromochloromethane	0.433	0.411	5.1	85	0.00
29 T	Tetrahydrofuran	0.331	0.392	-18.4	103	0.02
30 C	Chloroform	1.008	0.959	4.9#	85	0.00
31 T	Cyclohexane	0.908	0.871	4.1	90	0.00
32 T	1,1,1-Trichloroethane	0.896	0.889	0.8	89	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.506	11.4	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.315	0.298	5.4	79	0.00
36 T	1,1-Dichloropropene	0.475	0.496	-4.4	90	0.00
37 T	Ethyl Acetate	0.733	0.890	-21.4	101	0.01
38 T	Carbon Tetrachloride	0.500	0.516	-3.2	89	0.00
39 T	Methylcyclohexane	0.609	0.626	-2.8	88	0.00
40 TM	Benzene	1.374	1.371	0.2	86	0.00
41 T	Methacrylonitrile	0.242	0.226	6.6	80	0.00
42 TM	1,2-Dichloroethane	0.441	0.399	9.5	78	0.00
43 T	Isopropyl Acetate	0.787	0.712	9.5	75	0.00
44 TM	Trichloroethene	0.423	0.481	-13.7	101	0.00
45 C	1,2-Dichloropropane	0.351	0.342	2.6#	84	0.00
46 T	Dibromomethane	0.246	0.223	9.3	75	0.00
47 T	Bromodichloromethane	0.498	0.476	4.4	81	0.00
48 T	Methyl methacrylate	0.348	0.310	10.9	73	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	106	0.08
50 S	Toluene-d8	1.179	1.242	-5.3	88	0.00
51 T	4-Methyl-2-Pentanone	0.580	0.561	3.3	80	0.00
52 CM	Toluene	0.879	0.894	-1.7#	87	0.00
53 T	t-1,3-Dichloropropene	0.558	0.534	4.3	80	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.551	8.2	77	0.00
55 T	1,1,2-Trichloroethane	0.351	0.349	0.6	86	0.00
56 T	Ethyl methacrylate	0.549	0.552	-0.5	83	0.00
57 T	1,3-Dichloropropane	0.595	0.582	2.2	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.241	0.169	29.9#	74	0.00
59 T	2-Hexanone	0.495	0.634	-28.1#	107	0.00
60 T	Dibromochloromethane	0.399	0.399	0.0	84	0.00
61 T	1,2-Dibromoethane	0.380	0.376	1.1	85	0.00
62 S	4-Bromofluorobenzene	0.420	0.442	-5.2	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.436	0.521	-19.5	111	0.00
65 PM	Chlorobenzene	1.048	1.033	1.4	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.389	-0.3	88	0.00
67 C	Ethyl Benzene	1.832	1.894	-3.4#	90	0.00
68 T	m/p-Xylenes	0.707	0.726	-2.7	89	0.00
69 T	o-Xylene	0.676	0.693	-2.5	88	0.00
70 T	Styrene	1.150	1.186	-3.1	88	0.00
71 P	Bromoform	0.330	0.336	-1.8	87	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.540	3.491	1.4	90	0.00
74 T	N-amyl acetate	1.430	1.370	4.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	1.087	0.880	19.0	73	0.00
76 T	1,2,3-Trichloropropane	0.979	0.937	4.3	98	0.00
77 T	Bromobenzene	0.889	0.846	4.8	87	0.00
78 T	n-propylbenzene	4.304	4.277	0.6	90	0.00
79 T	2-Chlorotoluene	2.435	2.371	2.6	89	0.00
80 T	1,3,5-Trimethylbenzene	2.941	2.948	-0.2	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.415	0.405	2.4	85	0.00
82 T	4-Chlorotoluene	2.502	2.468	1.4	90	0.00
83 T	tert-Butylbenzene	2.584	2.543	1.6	88	0.00
84 T	1,2,4-Trimethylbenzene	2.952	2.934	0.6	90	0.00
85 T	sec-Butylbenzene	3.835	3.843	-0.2	90	0.00
86 T	p-Isopropyltoluene	3.205	3.218	-0.4	90	0.00
87 T	1,3-Dichlorobenzene	1.706	1.656	2.9	89	0.00
88 T	1,4-Dichlorobenzene	1.723	1.683	2.3	89	0.00
89 T	n-Butylbenzene	3.014	2.988	0.9	90	0.00
90 T	Hexachloroethane	0.614	0.608	1.0	91	0.00
91 T	1,2-Dichlorobenzene	1.601	1.574	1.7	90	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.380	-22.2	114	0.00
93 T	1,2,4-Trichlorobenzene	1.052	1.026	2.5	88	0.00
94 T	Hexachlorobutadiene	0.534	0.512	4.1	88	0.00
95 T	Naphthalene	3.414	3.619	-6.0	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.009	0.988	2.1	90	0.00

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