

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021173.D
 Acq On : 11 Feb 2025 16:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 12 01:03:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 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	63	0.00
2 T	Dichlorodifluoromethane	0.446	0.421	5.6	60	0.00
3 P	Chloromethane	0.440	0.463	-5.2	69	0.00
4 C	Vinyl Chloride	0.443	0.443	0.0	66	0.00
5 T	Bromomethane	0.274	0.280	-2.2	68	0.00
6 T	Chloroethane	0.263	0.281	-6.8	69	0.00
7 T	Trichlorofluoromethane	0.806	0.761	5.6	61	0.00
8 T	Diethyl Ether	0.252	0.293	-16.3	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.462	8.7	59	0.00
10 T	Methyl Iodide	0.562	0.603	-7.3	65	0.00
11 T	Tert butyl alcohol	0.035	0.037	-5.7	73	0.00
12 CM	1,1-Dichloroethene	0.477	0.475	0.4#	64	0.00
13 T	Acrolein	0.053	0.031	41.5#	37#	0.00
14 T	Allyl chloride	0.803	0.831	-3.5	65	0.00
15 T	Acrylonitrile	0.105	0.132	-25.7#	78	0.01
16 T	Acetone	0.080	0.100	-25.0#	81	0.00
17 T	Carbon Disulfide	1.495	1.491	0.3	64	0.00
18 T	Methyl Acetate	0.280	0.384	-37.1#	84	0.00
19 T	Methyl tert-butyl Ether	1.205	1.476	-22.5	76	0.00
20 T	Methylene Chloride	0.497	0.569	-14.5	74	0.00
21 T	trans-1,2-Dichloroethene	0.525	0.562	-7.0	68	0.00
22 T	Diisopropyl ether	1.656	2.011	-21.4	76	0.00
23 T	Vinyl Acetate	0.923	1.117	-21.0	74	0.00
24 P	1,1-Dichloroethane	0.970	1.107	-14.1	73	0.00
25 T	2-Butanone	0.131	0.167	-27.5#	78	0.00
26 T	2,2-Dichloropropane	0.898	0.545	39.3#	39#	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.681	-12.7	71	0.00
28 T	Bromochloromethane	0.384	0.475	-23.7	72	0.00
29 T	Tetrahydrofuran	0.089	0.116	-30.3#	80	0.00
30 C	Chloroform	0.997	1.165	-16.9#	75	0.00
31 T	Cyclohexane	0.874	0.789	9.7	60	0.00
32 T	1,1,1-Trichloroethane	0.927	0.996	-7.4	69	0.00
33 S	1,2-Dichloroethane-d4	0.512	0.532	-3.9	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.320	0.287	10.3	63	0.00
36 T	1,1-Dichloropropene	0.475	0.444	6.5	66	0.00
37 T	Ethyl Acetate	0.208	0.237	-13.9	78	0.00
38 T	Carbon Tetrachloride	0.555	0.521	6.1	66	0.00
39 T	Methylcyclohexane	0.581	0.490	15.7	58	0.00
40 TM	Benzene	1.393	1.422	-2.1	71	0.00
41 T	Methacrylonitrile	0.120	0.102	15.0	64	0.00
42 TM	1,2-Dichloroethane	0.386	0.429	-11.1	78	0.00
43 T	Isopropyl Acetate	0.414	0.477	-15.2	78	0.00
44 TM	Trichloroethene	0.360	0.349	3.1	69	0.00
45 C	1,2-Dichloropropane	0.331	0.354	-6.9#	75	0.00
46 T	Dibromomethane	0.183	0.201	-9.8	77	0.00
47 T	Bromodichloromethane	0.491	0.531	-8.1	76	0.00
48 T	Methyl methacrylate	0.188	0.226	-20.2	81	0.00

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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	79	0.00
50 S	Toluene-d8	1.220	1.053	13.7	60	0.00
51 T	4-Methyl-2-Pentanone	0.208	0.249	-19.7	80	0.00
52 CM	Toluene	0.875	0.909	-3.9#	72	0.00
53 T	t-1,3-Dichloropropene	0.441	0.422	4.3	65	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.488	6.5	64	0.00
55 T	1,1,2-Trichloroethane	0.237	0.262	-10.5	77	0.00
56 T	Ethyl methacrylate	0.317	0.369	-16.4	76	0.00
57 T	1,3-Dichloropropane	0.410	0.467	-13.9	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.126	16.6	55	0.00
59 T	2-Hexanone	0.134	0.166	-23.9	80	0.00
60 T	Dibromochloromethane	0.333	0.366	-9.9	77	0.00
61 T	1,2-Dibromoethane	0.222	0.246	-10.8	76	0.00
62 S	4-Bromofluorobenzene	0.399	0.380	4.8	65	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.371	0.323	12.9	65	0.00
65 PM	Chlorobenzene	1.113	1.099	1.3	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.396	0.0	75	0.00
67 C	Ethyl Benzene	1.969	1.902	3.4#	70	0.00
68 T	m/p-Xylenes	0.737	0.712	3.4	70	0.00
69 T	o-Xylene	0.687	0.693	-0.9	73	0.00
70 T	Styrene	1.145	1.184	-3.4	74	0.00
71 P	Bromoform	0.220	0.238	-8.2	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.906	3.511	10.1	69	0.00
74 T	N-amyl acetate	0.854	0.907	-6.2	77	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.663	-2.0	79	0.00
76 T	1,2,3-Trichloropropane	0.454	0.449	1.1	73	0.00
77 T	Bromobenzene	0.901	0.859	4.7	75	0.00
78 T	n-propylbenzene	4.653	4.157	10.7	68	0.00
79 T	2-Chlorotoluene	2.665	2.456	7.8	71	0.00
80 T	1,3,5-Trimethylbenzene	3.167	2.928	7.5	71	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.160	27.9#	54	0.00
82 T	4-Chlorotoluene	2.715	2.528	6.9	73	0.00
83 T	tert-Butylbenzene	2.878	2.529	12.1	66	0.00
84 T	1,2,4-Trimethylbenzene	3.096	2.931	5.3	72	0.00
85 T	sec-Butylbenzene	4.143	3.595	13.2	67	0.00
86 T	p-Isopropyltoluene	3.442	3.011	12.5	66	0.00
87 T	1,3-Dichlorobenzene	1.740	1.627	6.5	73	0.00
88 T	1,4-Dichlorobenzene	1.714	1.596	6.9	72	0.00
89 T	n-Butylbenzene	3.140	2.719	13.4	65	0.00
90 T	Hexachloroethane	0.718	0.665	7.4	72	0.00
91 T	1,2-Dichlorobenzene	1.510	1.464	3.0	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.105	-8.2	81	0.00
93 T	1,2,4-Trichlorobenzene	0.841	0.799	5.0	69	0.00
94 T	Hexachlorobutadiene	0.557	0.477	14.4	65	0.00
95 T	Naphthalene	1.345	1.504	-11.8	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.706	-0.9	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5