

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020766.D
 Acq On : 03 Jan 2025 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 03 22:01:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 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	171#	-0.01
2 T	Dichlorodifluoromethane	0.394	0.340	13.7	144	0.00
3 P	Chloromethane	0.147	0.171	-16.3	187#	0.00
4 C	Vinyl Chloride	0.182	0.207	-13.7#	185#	0.00
5 T	Bromomethane	0.137	0.142	-3.6	172#	0.00
6 T	Chloroethane	0.109	0.125	-14.7	190#	-0.01
7 T	Trichlorofluoromethane	0.699	0.605	13.4	145	-0.01
8 T	Diethyl Ether	0.166	0.207	-24.7	199#	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.384	0.400	-4.2	176#	-0.01
10 T	Methyl Iodide	0.420	0.465	-10.7	176#	-0.01
11 T	Tert butyl alcohol	0.031	0.033	-6.5	200#	0.00
12 CM	1,1-Dichloroethene	0.342	0.377	-10.2#	184#	-0.02
13 T	Acrolein	0.009	0.009	0.0	249#	-0.01
14 T	Allyl chloride	0.400	0.536	-34.0#	222#	-0.02
15 T	Acrylonitrile	0.064	0.089	-39.1#	215#	-0.01
16 T	Acetone	0.052	0.060	-15.4	190#	0.00
17 T	Carbon Disulfide	0.838	0.957	-14.2	181#	-0.01
18 T	Methyl Acetate	0.141	0.219	-55.3#	236#	0.00
19 T	Methyl tert-butyl Ether	0.952	1.074	-12.8	181#	-0.01
20 T	Methylene Chloride	0.338	0.397	-17.5	199#	0.00
21 T	trans-1,2-Dichloroethene	0.368	0.414	-12.5	182#	-0.02
22 T	Diisopropyl ether	0.813	1.138	-40.0#	228#	-0.01
23 T	Vinyl Acetate	0.486	0.669	-37.7#	214#	0.00
24 P	1,1-Dichloroethane	0.609	0.725	-19.0	201#	-0.01
25 T	2-Butanone	0.070	0.104	-48.6#	224#	0.00
26 T	2,2-Dichloropropane	0.746	0.722	3.2	165#	0.00
27 T	cis-1,2-Dichloroethene	0.441	0.508	-15.2	189#	-0.01
28 T	Bromochloromethane	0.161	0.245	-52.2#	218#	0.00
29 T	Tetrahydrofuran	0.043	0.068	-58.1#	238#	0.00
30 C	Chloroform	0.784	0.817	-4.2#	178#	0.00
31 T	Cyclohexane	0.526	0.576	-9.5	193#	-0.01
32 T	1,1,1-Trichloroethane	0.840	0.781	7.0	156#	-0.01
33 S	1,2-Dichloroethane-d4	0.410	0.433	-5.6	144	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	177#	0.00
35 S	Dibromofluoromethane	0.275	0.294	-6.9	163#	0.00
36 T	1,1-Dichloropropene	0.364	0.382	-4.9	181#	-0.01
37 T	Ethyl Acetate	0.120	0.169	-40.8#	224#	0.00
38 T	Carbon Tetrachloride	0.599	0.519	13.4	150	0.00
39 T	Methylcyclohexane	0.466	0.477	-2.4	174#	0.00
40 TM	Benzene	1.054	1.175	-11.5	191#	0.00
41 T	Methacrylonitrile	0.061	0.095	-55.7#	300#	0.00
42 TM	1,2-Dichloroethane	0.338	0.327	3.3	159#	0.00
43 T	Isopropyl Acetate	0.255	0.340	-33.3#	209#	0.00
44 TM	Trichloroethene	0.315	0.319	-1.3	174#	0.00
45 C	1,2-Dichloropropane	0.213	0.263	-23.5#	207#	0.00
46 T	Dibromomethane	0.148	0.162	-9.5	180#	0.00
47 T	Bromodichloromethane	0.419	0.425	-1.4	174#	0.00
48 T	Methyl methacrylate	0.119	0.156	-31.1#	211#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.001	0.002	-100.0#	202#	0.00
50 S	Toluene-d8	0.971	1.129	-16.3	163#	0.00
51 T	4-Methyl-2-Pentanone	0.123	0.172	-39.8#	218#	0.00
52 CM	Toluene	0.723	0.777	-7.5#	184#	0.00
53 T	t-1,3-Dichloropropene	0.368	0.399	-8.4	175#	0.00
54 T	cis-1,3-Dichloropropene	0.403	0.452	-12.2	186#	0.00
55 T	1,1,2-Trichloroethane	0.188	0.217	-15.4	193#	0.00
56 T	Ethyl methacrylate	0.248	0.310	-25.0	197#	0.00
57 T	1,3-Dichloropropane	0.306	0.368	-20.3	195#	0.00
58 T	2-Chloroethyl Vinyl ether	0.086	0.137	-59.3#	238#	0.00
59 T	2-Hexanone	0.081	0.115	-42.0#	213#	0.00
60 T	Dibromochloromethane	0.305	0.313	-2.6	175#	0.00
61 T	1,2-Dibromoethane	0.177	0.205	-15.8	191#	0.00
62 S	4-Bromofluorobenzene	0.366	0.387	-5.7	161#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	178#	0.00
64 T	Tetrachloroethene	0.342	0.329	3.8	167#	0.00
65 PM	Chlorobenzene	0.979	1.007	-2.9	179#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.373	1.6	170#	0.00
67 C	Ethyl Benzene	1.711	1.744	-1.9#	175#	0.00
68 T	m/p-Xylenes	0.653	0.666	-2.0	176#	0.00
69 T	o-Xylene	0.624	0.634	-1.6	174#	0.00
70 T	Styrene	1.047	1.069	-2.1	175#	0.00
71 P	Bromoform	0.218	0.229	-5.0	169#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	173#	0.00
73 T	Isopropylbenzene	3.464	3.423	1.2	170#	0.00
74 T	N-amyl acetate	0.492	0.676	-37.4#	214#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.444	0.572	-28.8#	208#	0.00
76 T	1,2,3-Trichloropropane	0.318	0.400	-25.8#	230#	0.00
77 T	Bromobenzene	0.797	0.817	-2.5	173#	0.00
78 T	n-propylbenzene	3.883	3.958	-1.9	176#	0.00
79 T	2-Chlorotoluene	2.213	2.256	-1.9	173#	0.00
80 T	1,3,5-Trimethylbenzene	2.886	2.803	2.9	164#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.161	0.198	-23.0	195#	0.00
82 T	4-Chlorotoluene	2.287	2.355	-3.0	174#	0.00
83 T	tert-Butylbenzene	2.695	2.626	2.6	166#	0.00
84 T	1,2,4-Trimethylbenzene	2.809	2.771	1.4	166#	0.00
85 T	sec-Butylbenzene	3.633	3.598	1.0	169#	0.00
86 T	p-Isopropyltoluene	3.237	3.122	3.6	164#	0.00
87 T	1,3-Dichlorobenzene	1.559	1.566	-0.4	172#	0.00
88 T	1,4-Dichlorobenzene	1.550	1.556	-0.4	171#	0.00
89 T	n-Butylbenzene	2.702	2.759	-2.1	173#	0.00
90 T	Hexachloroethane	0.616	0.605	1.8	170#	0.00
91 T	1,2-Dichlorobenzene	1.336	1.385	-3.7	170#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.086	0.097	-12.8	171#	0.00
93 T	1,2,4-Trichlorobenzene	0.849	0.877	-3.3	168#	0.00
94 T	Hexachlorobutadiene	0.619	0.576	6.9	160#	0.00
95 T	Naphthalene	1.360	1.562	-14.9	177#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.745	-5.4	166#	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6