

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023135.D
 Acq On : 15 Aug 2025 19:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 02:33:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 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	80	0.00
2 T	Dichlorodifluoromethane	0.408	0.283	30.6#	65	0.00
3 P	Chloromethane	0.661	0.600	9.2	79	0.00
4 C	Vinyl Chloride	0.817	0.803	1.7#	83	0.00
5 T	Bromomethane	0.610	0.629	-3.1	93	0.00
6 T	Chloroethane	0.543	0.561	-3.3	87	0.00
7 T	Trichlorofluoromethane	0.994	0.921	7.3	78	0.00
8 T	Diethyl Ether	0.263	0.238	9.5	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.419	14.5	72	0.00
10 T	Methyl Iodide	0.529	0.520	1.7	76	0.00
11 T	Tert butyl alcohol	0.033	0.027	18.2	68	0.00
12 CM	1,1-Dichloroethene	0.482	0.436	9.5#	75	0.00
13 T	Acrolein	0.048	0.027	43.8#	48#	0.00
14 T	Allyl chloride	0.709	0.639	9.9	74	0.00
15 T	Acrylonitrile	0.107	0.097	9.3	73	0.00
16 T	Acetone	0.103	0.070	32.0#	54	0.00
17 T	Carbon Disulfide	1.571	1.390	11.5	74	0.00
18 T	Methyl Acetate	0.307	0.360	-17.3	89	0.00
19 T	Methyl tert-butyl Ether	1.249	1.158	7.3	75	0.00
20 T	Methylene Chloride	0.620	0.514	17.1	81	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.520	3.9	79	0.00
22 T	Diisopropyl ether	1.541	1.471	4.5	78	0.00
23 T	Vinyl Acetate	0.852	0.712	16.4	67	0.00
24 P	1,1-Dichloroethane	0.942	0.897	4.8	78	0.00
25 T	2-Butanone	0.140	0.112	20.0	63	0.00
26 T	2,2-Dichloropropane	0.813	0.689	15.3	70	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.606	3.2	80	0.00
28 T	Bromochloromethane	0.374	0.371	0.8	81	0.00
29 T	Tetrahydrofuran	0.087	0.077	11.5	70	0.00
30 C	Chloroform	0.971	0.951	2.1#	80	0.00
31 T	Cyclohexane	0.888	0.737	17.0	72	0.00
32 T	1,1,1-Trichloroethane	0.862	0.822	4.6	78	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.487	-2.1	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.299	0.290	3.0	83	0.00
36 T	1,1-Dichloropropene	0.445	0.398	10.6	77	0.00
37 T	Ethyl Acetate	0.187	0.159	15.0	71	0.00
38 T	Carbon Tetrachloride	0.483	0.436	9.7	79	0.00
39 T	Methylcyclohexane	0.586	0.498	15.0	74	0.00
40 TM	Benzene	1.370	1.275	6.9	80	0.00
41 T	Methacrylonitrile	0.108	0.090	16.7	69	0.00
42 TM	1,2-Dichloroethane	0.356	0.326	8.4	79	0.00
43 T	Isopropyl Acetate	0.378	0.328	13.2	74	0.00
44 TM	Trichloroethene	0.354	0.337	4.8	83	0.00
45 C	1,2-Dichloropropane	0.315	0.294	6.7#	80	0.00
46 T	Dibromomethane	0.181	0.166	8.3	78	0.00
47 T	Bromodichloromethane	0.466	0.433	7.1	79	0.00
48 T	Methyl methacrylate	0.181	0.164	9.4	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	76	0.00
50 S	Toluene-d8	1.169	1.163	0.5	85	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.171	12.3	72	0.00
52 CM	Toluene	0.870	0.823	5.4#	80	0.00
53 T	t-1,3-Dichloropropene	0.422	0.382	9.5	76	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.452	9.4	77	0.00
55 T	1,1,2-Trichloroethane	0.242	0.220	9.1	77	0.00
56 T	Ethyl methacrylate	0.310	0.281	9.4	74	0.00
57 T	1,3-Dichloropropane	0.411	0.374	9.0	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.145	0.7	79	0.00
59 T	2-Hexanone	0.133	0.112	15.8	69	0.00
60 T	Dibromochloromethane	0.320	0.294	8.1	78	0.00
61 T	1,2-Dibromoethane	0.228	0.206	9.6	77	0.00
62 S	4-Bromofluorobenzene	0.376	0.370	1.6	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.446	0.465	-4.3	91	0.00
65 PM	Chlorobenzene	1.079	1.000	7.3	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.343	6.3	81	0.00
67 C	Ethyl Benzene	1.856	1.755	5.4#	80	0.00
68 T	m/p-Xylenes	0.725	0.686	5.4	81	0.00
69 T	o-Xylene	0.679	0.643	5.3	80	0.00
70 T	Styrene	1.110	1.082	2.5	82	0.00
71 P	Bromoform	0.214	0.184	14.0	73	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.529	3.263	7.5	81	0.00
74 T	N-amyl acetate	0.748	0.616	17.6	70	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.459	23.9	68	0.00
76 T	1,2,3-Trichloropropane	0.483	0.402	16.8	65	0.00
77 T	Bromobenzene	0.842	0.742	11.9	78	0.00
78 T	n-propylbenzene	4.201	3.915	6.8	80	0.00
79 T	2-Chlorotoluene	2.407	2.228	7.4	81	0.00
80 T	1,3,5-Trimethylbenzene	2.852	2.662	6.7	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.158	20.6	69	0.00
82 T	4-Chlorotoluene	2.497	2.307	7.6	81	0.00
83 T	tert-Butylbenzene	2.576	2.379	7.6	80	0.00
84 T	1,2,4-Trimethylbenzene	2.839	2.689	5.3	82	0.00
85 T	sec-Butylbenzene	3.784	3.535	6.6	81	0.00
86 T	p-Isopropyltoluene	3.141	2.972	5.4	81	0.00
87 T	1,3-Dichlorobenzene	1.660	1.509	9.1	81	0.00
88 T	1,4-Dichlorobenzene	1.647	1.477	10.3	80	0.00
89 T	n-Butylbenzene	2.885	2.711	6.0	81	0.00
90 T	Hexachloroethane	0.643	0.590	8.2	81	0.00
91 T	1,2-Dichlorobenzene	1.456	1.320	9.3	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.079	16.0	72	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.722	16.1	74	0.00
94 T	Hexachlorobutadiene	0.506	0.421	16.8	74	0.00
95 T	Naphthalene	1.468	1.263	14.0	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.627	15.5	75	0.00

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