

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023214.D
 Acq On : 28 Aug 2025 09:03
 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: Aug 29 02:05:37 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	101	0.00
2 T	Dichlorodifluoromethane	0.408	0.349	14.5	101	0.00
3 P	Chloromethane	0.661	0.544	17.7	90	0.00
4 C	Vinyl Chloride	0.817	0.717	12.2#	94	0.01
5 T	Bromomethane	0.610	0.544	10.8	101	0.00
6 T	Chloroethane	0.543	0.495	8.8	97	0.01
7 T	Trichlorofluoromethane	0.994	0.932	6.2	100	0.01
8 T	Diethyl Ether	0.263	0.244	7.2	98	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.499	-1.8	109	0.01
10 T	Methyl Iodide	0.529	0.582	-10.0	107	0.01
11 T	Tert butyl alcohol	0.033	0.034	-3.0	107	0.00
12 CM	1,1-Dichloroethene	0.482	0.487	-1.0#	106	0.01
13 T	Acrolein	0.048	0.010	79.2#	22#	0.00
14 T	Allyl chloride	0.709	0.646	8.9	95	0.01
15 T	Acrylonitrile	0.107	0.095	11.2	91	0.01
16 T	Acetone	0.103	0.105	-1.9	102	0.01
17 T	Carbon Disulfide	1.571	1.438	8.5	97	0.01
18 T	Methyl Acetate	0.307	0.254	17.3	79	0.00
19 T	Methyl tert-butyl Ether	1.249	1.164	6.8	95	0.01
20 T	Methylene Chloride	0.620	0.526	15.2	104	0.01
21 T	trans-1,2-Dichloroethene	0.541	0.545	-0.7	105	0.02
22 T	Diisopropyl ether	1.541	1.448	6.0	96	0.00
23 T	Vinyl Acetate	0.852	0.775	9.0	93	0.01
24 P	1,1-Dichloroethane	0.942	0.919	2.4	101	0.01
25 T	2-Butanone	0.140	0.127	9.3	90	0.01
26 T	2,2-Dichloropropane	0.813	0.840	-3.3	107	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.636	-1.6	105	0.01
28 T	Bromochloromethane	0.374	0.326	12.8	90	0.00
29 T	Tetrahydrofuran	0.087	0.073	16.1	84	0.01
30 C	Chloroform	0.971	0.966	0.5#	103	0.00
31 T	Cyclohexane	0.888	0.797	10.2	98	0.01
32 T	1,1,1-Trichloroethane	0.862	0.880	-2.1	106	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.403	15.5	88	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.299	0.288	3.7	94	0.01
36 T	1,1-Dichloropropene	0.445	0.463	-4.0	102	0.00
37 T	Ethyl Acetate	0.187	0.169	9.6	86	0.00
38 T	Carbon Tetrachloride	0.483	0.527	-9.1	108	0.00
39 T	Methylcyclohexane	0.586	0.615	-4.9	104	0.00
40 TM	Benzene	1.370	1.434	-4.7	102	0.01
41 T	Methacrylonitrile	0.108	0.094	13.0	82	0.00
42 TM	1,2-Dichloroethane	0.356	0.349	2.0	96	0.00
43 T	Isopropyl Acetate	0.378	0.343	9.3	88	0.00
44 TM	Trichloroethene	0.354	0.398	-12.4	111	0.00
45 C	1,2-Dichloropropane	0.315	0.323	-2.5#	100	0.00
46 T	Dibromomethane	0.181	0.186	-2.8	99	0.00
47 T	Bromodichloromethane	0.466	0.483	-3.6	100	0.00
48 T	Methyl methacrylate	0.181	0.164	9.4	83	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50 S	Toluene-d8	1.169	1.129	3.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.181	7.2	87	0.00
52 CM	Toluene	0.870	0.941	-8.2#	104	0.00
53 T	t-1,3-Dichloropropene	0.422	0.435	-3.1	99	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.515	-3.2	99	0.00
55 T	1,1,2-Trichloroethane	0.242	0.249	-2.9	99	0.00
56 T	Ethyl methacrylate	0.310	0.316	-1.9	94	0.00
57 T	1,3-Dichloropropane	0.411	0.415	-1.0	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.126	13.7	78	0.00
59 T	2-Hexanone	0.133	0.128	3.8	89	0.00
60 T	Dibromochloromethane	0.320	0.340	-6.3	102	0.00
61 T	1,2-Dibromoethane	0.228	0.235	-3.1	99	0.01
62 S	4-Bromofluorobenzene	0.376	0.356	5.3	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.01
64 T	Tetrachloroethene	0.446	0.563	-26.2#	121	0.00
65 PM	Chlorobenzene	1.079	1.176	-9.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.406	-10.9	105	0.00
67 C	Ethyl Benzene	1.856	2.037	-9.8#	102	0.00
68 T	m/p-Xylenes	0.725	0.809	-11.6	105	0.00
69 T	o-Xylene	0.679	0.760	-11.9	103	0.00
70 T	Styrene	1.110	1.252	-12.8	104	0.00
71 P	Bromoform	0.214	0.234	-9.3	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.529	4.002	-13.4	106	0.00
74 T	N-amyl acetate	0.748	0.708	5.3	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.554	8.1	88	0.00
76 T	1,2,3-Trichloropropane	0.483	0.460	4.8	80	0.00
77 T	Bromobenzene	0.842	0.927	-10.1	104	0.01
78 T	n-propylbenzene	4.201	4.737	-12.8	104	0.00
79 T	2-Chlorotoluene	2.407	2.644	-9.8	103	0.01
80 T	1,3,5-Trimethylbenzene	2.852	3.219	-12.9	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.205	-3.0	96	0.00
82 T	4-Chlorotoluene	2.497	2.694	-7.9	101	0.01
83 T	tert-Butylbenzene	2.576	2.911	-13.0	104	0.00
84 T	1,2,4-Trimethylbenzene	2.839	3.189	-12.3	104	0.00
85 T	sec-Butylbenzene	3.784	4.309	-13.9	106	0.00
86 T	p-Isopropyltoluene	3.141	3.624	-15.4	106	0.00
87 T	1,3-Dichlorobenzene	1.660	1.842	-11.0	106	0.00
88 T	1,4-Dichlorobenzene	1.647	1.804	-9.5	104	0.00
89 T	n-Butylbenzene	2.885	3.265	-13.2	104	0.00
90 T	Hexachloroethane	0.643	0.728	-13.2	107	0.00
91 T	1,2-Dichlorobenzene	1.456	1.593	-9.4	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.087	7.4	85	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.919	-6.7	101	0.00
94 T	Hexachlorobutadiene	0.506	0.574	-13.4	108	0.00
95 T	Naphthalene	1.468	1.486	-1.2	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.779	-5.0	100	0.00

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