

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023057.D
 Acq On : 12 Aug 2025 17:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081225

Quant Time: Aug 13 02:14:27 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	98	0.00
2 T	Dichlorodifluoromethane	0.408	0.339	16.9	96	0.00
3 P	Chloromethane	0.661	0.644	2.6	104	0.00
4 C	Vinyl Chloride	0.817	0.788	3.5#	100	0.00
5 T	Bromomethane	0.610	0.573	6.1	104	0.00
6 T	Chloroethane	0.543	0.532	2.0	101	0.00
7 T	Trichlorofluoromethane	0.994	0.934	6.0	98	0.00
8 T	Diethyl Ether	0.263	0.251	4.6	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.468	4.5	99	0.00
10 T	Methyl Iodide	0.529	0.543	-2.6	97	0.00
11 T	Tert butyl alcohol	0.033	0.032	3.0	99	0.00
12 CM	1,1-Dichloroethene	0.482	0.460	4.6#	97	0.00
13 T	Acrolein	0.048	0.042	12.5	93	0.00
14 T	Allyl chloride	0.709	0.671	5.4	96	0.00
15 T	Acrylonitrile	0.107	0.104	2.8	96	0.00
16 T	Acetone	0.103	0.087	15.5	83	0.00
17 T	Carbon Disulfide	1.571	1.475	6.1	97	0.00
18 T	Methyl Acetate	0.307	0.319	-3.9	97	0.00
19 T	Methyl tert-butyl Ether	1.249	1.246	0.2	99	0.00
20 T	Methylene Chloride	0.620	0.536	13.5	103	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.528	2.4	99	0.00
22 T	Diisopropyl ether	1.541	1.541	0.0	100	0.00
23 T	Vinyl Acetate	0.852	0.826	3.1	96	0.00
24 P	1,1-Dichloroethane	0.942	0.915	2.9	98	0.00
25 T	2-Butanone	0.140	0.129	7.9	89	0.00
26 T	2,2-Dichloropropane	0.813	0.739	9.1	92	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.610	2.6	99	0.00
28 T	Bromochloromethane	0.374	0.376	-0.5	101	0.00
29 T	Tetrahydrofuran	0.087	0.086	1.1	97	0.00
30 C	Chloroform	0.971	0.941	3.1#	98	0.00
31 T	Cyclohexane	0.888	0.826	7.0	99	0.00
32 T	1,1,1-Trichloroethane	0.862	0.844	2.1	99	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.477	0.0	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.299	0.300	-0.3	102	0.00
36 T	1,1-Dichloropropene	0.445	0.429	3.6	98	0.00
37 T	Ethyl Acetate	0.187	0.185	1.1	98	0.00
38 T	Carbon Tetrachloride	0.483	0.464	3.9	99	0.00
39 T	Methylcyclohexane	0.586	0.581	0.9	102	0.00
40 TM	Benzene	1.370	1.327	3.1	99	0.00
41 T	Methacrylonitrile	0.108	0.104	3.7	94	0.00
42 TM	1,2-Dichloroethane	0.356	0.343	3.7	98	0.00
43 T	Isopropyl Acetate	0.378	0.371	1.9	99	0.00
44 TM	Trichloroethene	0.354	0.339	4.2	98	0.00
45 C	1,2-Dichloropropane	0.315	0.309	1.9#	99	0.00
46 T	Dibromomethane	0.181	0.176	2.8	98	0.00
47 T	Bromodichloromethane	0.466	0.461	1.1	99	0.00
48 T	Methyl methacrylate	0.181	0.183	-1.1	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	97	0.00
50 S	Toluene-d8	1.169	1.153	1.4	100	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.194	0.5	97	0.00
52 CM	Toluene	0.870	0.852	2.1#	99	0.00
53 T	t-1,3-Dichloropropene	0.422	0.419	0.7	99	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.488	2.2	98	0.00
55 T	1,1,2-Trichloroethane	0.242	0.237	2.1	98	0.00
56 T	Ethyl methacrylate	0.310	0.315	-1.6	98	0.00
57 T	1,3-Dichloropropane	0.411	0.404	1.7	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.160	-9.6	102	0.00
59 T	2-Hexanone	0.133	0.130	2.3	94	0.00
60 T	Dibromochloromethane	0.320	0.318	0.6	99	0.00
61 T	1,2-Dibromoethane	0.228	0.224	1.8	98	0.00
62 S	4-Bromofluorobenzene	0.376	0.387	-2.9	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.446	0.406	9.0	94	0.00
65 PM	Chlorobenzene	1.079	1.041	3.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.357	2.5	99	0.00
67 C	Ethyl Benzene	1.856	1.825	1.7#	99	0.00
68 T	m/p-Xylenes	0.725	0.714	1.5	100	0.00
69 T	o-Xylene	0.679	0.674	0.7	99	0.00
70 T	Styrene	1.110	1.127	-1.5	101	0.00
71 P	Bromoform	0.214	0.208	2.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.529	3.520	0.3	100	0.00
74 T	N-amyl acetate	0.748	0.756	-1.1	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.595	1.3	102	0.00
76 T	1,2,3-Trichloropropane	0.483	0.445	7.9	83	0.00
77 T	Bromobenzene	0.842	0.825	2.0	99	0.00
78 T	n-propylbenzene	4.201	4.273	-1.7	101	0.00
79 T	2-Chlorotoluene	2.407	2.402	0.2	101	0.00
80 T	1,3,5-Trimethylbenzene	2.852	2.904	-1.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.197	1.0	100	0.00
82 T	4-Chlorotoluene	2.497	2.473	1.0	100	0.00
83 T	tert-Butylbenzene	2.576	2.599	-0.9	100	0.00
84 T	1,2,4-Trimethylbenzene	2.839	2.898	-2.1	102	0.00
85 T	sec-Butylbenzene	3.784	3.871	-2.3	102	0.00
86 T	p-Isopropyltoluene	3.141	3.244	-3.3	102	0.00
87 T	1,3-Dichlorobenzene	1.660	1.648	0.7	102	0.00
88 T	1,4-Dichlorobenzene	1.647	1.598	3.0	100	0.00
89 T	n-Butylbenzene	2.885	2.977	-3.2	102	0.00
90 T	Hexachloroethane	0.643	0.651	-1.2	103	0.00
91 T	1,2-Dichlorobenzene	1.456	1.434	1.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.094	0.0	99	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.850	1.3	100	0.00
94 T	Hexachlorobutadiene	0.506	0.489	3.4	99	0.00
95 T	Naphthalene	1.468	1.516	-3.3	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.723	2.6	100	0.00

(#) = Out of Range

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