

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
 Data File : VY023816.D
 Acq On : 26 Nov 2025 10:50
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112625

Quant Time: Nov 27 01:17:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 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	106	0.00
2 T	Dichlorodifluoromethane	0.377	0.330	12.5	103	0.00
3 P	Chloromethane	0.576	0.540	6.2	108	0.00
4 C	Vinyl Chloride	0.624	0.595	4.6#	105	0.00
5 T	Bromomethane	0.440	0.398	9.5	110	0.00
6 T	Chloroethane	0.406	0.386	4.9	104	0.00
7 T	Trichlorofluoromethane	0.843	0.802	4.9	105	0.00
8 T	Diethyl Ether	0.266	0.260	2.3	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.492	0.464	5.7	104	0.00
10 T	Methyl Iodide	0.539	0.514	4.6	94	0.00
11 T	Tert butyl alcohol	0.040	0.034	15.0	107	0.00
12 CM	1,1-Dichloroethene	0.484	0.471	2.7#	106	0.00
13 T	Acrolein	0.057	0.054	5.3	102	0.00
14 T	Allyl chloride	0.767	0.765	0.3	106	0.00
15 T	Acrylonitrile	0.115	0.114	0.9	105	0.00
16 T	Acetone	0.140	0.133	5.0	104	0.00
17 T	Carbon Disulfide	1.562	1.495	4.3	104	0.00
18 T	Methyl Acetate	0.271	0.264	2.6	109	0.00
19 T	Methyl tert-butyl Ether	1.237	1.248	-0.9	107	0.00
20 T	Methylene Chloride	0.593	0.531	10.5	106	0.00
21 T	trans-1,2-Dichloroethene	0.536	0.523	2.4	106	0.00
22 T	Diisopropyl ether	1.658	1.686	-1.7	106	0.00
23 T	Vinyl Acetate	0.922	0.961	-4.2	106	0.00
24 P	1,1-Dichloroethane	0.976	0.950	2.7	106	0.00
25 T	2-Butanone	0.171	0.168	1.8	106	0.00
26 T	2,2-Dichloropropane	0.865	0.833	3.7	106	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.616	1.0	107	0.00
28 T	Bromochloromethane	0.406	0.407	-0.2	108	0.00
29 T	Tetrahydrofuran	0.095	0.097	-2.1	105	0.00
30 C	Chloroform	0.981	0.955	2.7#	106	0.00
31 T	Cyclohexane	0.936	0.879	6.1	104	0.00
32 T	1,1,1-Trichloroethane	0.871	0.847	2.8	106	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.482	1.0	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.296	0.299	-1.0	104	0.00
36 T	1,1-Dichloropropene	0.454	0.453	0.2	106	0.00
37 T	Ethyl Acetate	0.214	0.215	-0.5	105	0.00
38 T	Carbon Tetrachloride	0.498	0.490	1.6	105	0.00
39 T	Methylcyclohexane	0.600	0.600	0.0	105	0.00
40 TM	Benzene	1.398	1.386	0.9	106	0.00
41 T	Methacrylonitrile	0.107	0.102	4.7	103	0.00
42 TM	1,2-Dichloroethane	0.360	0.359	0.3	106	0.00
43 T	Isopropyl Acetate	0.399	0.413	-3.5	107	0.00
44 TM	Trichloroethene	0.359	0.358	0.3	107	0.00
45 C	1,2-Dichloropropane	0.330	0.332	-0.6#	106	0.00
46 T	Dibromomethane	0.179	0.177	1.1	105	0.00
47 T	Bromodichloromethane	0.467	0.468	-0.2	107	0.00
48 T	Methyl methacrylate	0.188	0.195	-3.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.176	1.207	-2.6	105	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.224	-6.7	108	0.00
52 CM	Toluene	0.866	0.892	-3.0#	106	0.00
53 T	t-1,3-Dichloropropene	0.428	0.443	-3.5	107	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.522	-2.0	107	0.00
55 T	1,1,2-Trichloroethane	0.240	0.242	-0.8	106	0.00
56 T	Ethyl methacrylate	0.314	0.342	-8.9	108	0.00
57 T	1,3-Dichloropropane	0.418	0.422	-1.0	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.166	-9.9	112	0.00
59 T	2-Hexanone	0.155	0.164	-5.8	107	0.00
60 T	Dibromochloromethane	0.321	0.326	-1.6	107	0.00
61 T	1,2-Dibromoethane	0.222	0.227	-2.3	109	0.00
62 S	4-Bromofluorobenzene	0.387	0.395	-2.1	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.474	0.477	-0.6	106	0.00
65 PM	Chlorobenzene	1.098	1.097	0.1	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.378	-1.3	107	0.00
67 C	Ethyl Benzene	1.875	1.949	-3.9#	106	0.00
68 T	m/p-Xylenes	0.722	0.744	-3.0	105	0.00
69 T	o-Xylene	0.677	0.699	-3.2	106	0.00
70 T	Styrene	1.116	1.173	-5.1	105	0.00
71 P	Bromoform	0.217	0.220	-1.4	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.549	3.611	-1.7	105	0.00
74 T	N-amyl acetate	0.793	0.837	-5.5	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.584	0.574	1.7	105	0.00
76 T	1,2,3-Trichloropropane	0.435	0.440	-1.1	105	0.00
77 T	Bromobenzene	0.835	0.827	1.0	106	0.00
78 T	n-propylbenzene	4.272	4.317	-1.1	105	0.00
79 T	2-Chlorotoluene	2.459	2.444	0.6	104	0.00
80 T	1,3,5-Trimethylbenzene	2.897	2.948	-1.8	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.212	-2.9	108	0.00
82 T	4-Chlorotoluene	2.525	2.531	-0.2	104	0.00
83 T	tert-Butylbenzene	2.602	2.657	-2.1	106	0.00
84 T	1,2,4-Trimethylbenzene	2.895	2.951	-1.9	105	0.00
85 T	sec-Butylbenzene	3.842	3.896	-1.4	104	0.00
86 T	p-Isopropyltoluene	3.211	3.263	-1.6	104	0.00
87 T	1,3-Dichlorobenzene	1.673	1.644	1.7	105	0.00
88 T	1,4-Dichlorobenzene	1.670	1.636	2.0	106	0.00
89 T	n-Butylbenzene	2.944	3.032	-3.0	105	0.00
90 T	Hexachloroethane	0.675	0.665	1.5	106	0.00
91 T	1,2-Dichlorobenzene	1.463	1.457	0.4	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.097	1.0	108	0.00
93 T	1,2,4-Trichlorobenzene	0.872	0.878	-0.7	106	0.00
94 T	Hexachlorobutadiene	0.543	0.536	1.3	107	0.00
95 T	Naphthalene	1.471	1.565	-6.4	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.756	-1.7	108	0.00

(#) = Out of Range

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