

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023875.D
 Acq On : 03 Dec 2025 17:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120325

Quant Time: Dec 04 03:54:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 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	105	0.00
2 T	Dichlorodifluoromethane	0.378	0.328	13.2	82	0.00
3 P	Chloromethane	0.539	0.487	9.6	85	0.00
4 C	Vinyl Chloride	0.615	0.561	8.8#	84	0.00
5 T	Bromomethane	0.444	0.388	12.6	90	0.00
6 T	Chloroethane	0.417	0.373	10.6	85	0.00
7 T	Trichlorofluoromethane	0.860	0.750	12.8	83	0.00
8 T	Diethyl Ether	0.258	0.233	9.7	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.441	14.5	83	0.00
10 T	Methyl Iodide	0.513	0.482	6.0	78	0.00
11 T	Tert butyl alcohol	0.041	0.032	22.0	92	0.00
12 CM	1,1-Dichloroethene	0.482	0.430	10.8#	84	0.00
13 T	Acrolein	0.031	0.027	12.9	135	0.01
14 T	Allyl chloride	0.770	0.681	11.6	83	0.00
15 T	Acrylonitrile	0.112	0.103	8.0	88	0.00
16 T	Acetone	0.150	0.119	20.7	81	0.00
17 T	Carbon Disulfide	1.423	1.361	4.4	82	0.00
18 T	Methyl Acetate	0.254	0.232	8.7	88	0.00
19 T	Methyl tert-butyl Ether	1.210	1.125	7.0	88	0.00
20 T	Methylene Chloride	0.610	0.483	20.8	87	0.00
21 T	trans-1,2-Dichloroethene	0.531	0.482	9.2	85	0.00
22 T	Diisopropyl ether	1.696	1.542	9.1	86	0.00
23 T	Vinyl Acetate	0.940	0.871	7.3	85	0.00
24 P	1,1-Dichloroethane	0.980	0.864	11.8	85	0.00
25 T	2-Butanone	0.181	0.150	17.1	84	0.00
26 T	2,2-Dichloropropane	0.898	0.731	18.6	82	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.554	10.2	86	0.00
28 T	Bromochloromethane	0.374	0.296	20.9	70	0.00
29 T	Tetrahydrofuran	0.093	0.086	7.5	85	0.00
30 C	Chloroform	0.990	0.866	12.5#	86	0.00
31 T	Cyclohexane	0.937	0.819	12.6	82	0.00
32 T	1,1,1-Trichloroethane	0.894	0.769	14.0	83	0.00
33 S	1,2-Dichloroethane-d4	0.500	0.541	-8.2	117	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.321	0.334	-4.0	114	0.00
36 T	1,1-Dichloropropene	0.473	0.408	13.7	81	0.00
37 T	Ethyl Acetate	0.218	0.196	10.1	86	0.00
38 T	Carbon Tetrachloride	0.522	0.451	13.6	84	0.00
39 T	Methylcyclohexane	0.616	0.559	9.3	81	0.00
40 TM	Benzene	1.429	1.264	11.5	84	0.00
41 T	Methacrylonitrile	0.113	0.105	7.1	88	0.00
42 TM	1,2-Dichloroethane	0.373	0.333	10.7	87	0.00
43 T	Isopropyl Acetate	0.409	0.373	8.8	88	0.00
44 TM	Trichloroethene	0.368	0.326	11.4	85	0.00
45 C	1,2-Dichloropropane	0.338	0.301	10.9#	86	0.00
46 T	Dibromomethane	0.183	0.164	10.4	87	0.00
47 T	Bromodichloromethane	0.483	0.429	11.2	87	0.00
48 T	Methyl methacrylate	0.191	0.185	3.1	88	0.00

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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	1.248	1.301	-4.2	114	0.00
51 T	4-Methyl-2-Pentanone	0.215	0.201	6.5	87	0.00
52 CM	Toluene	0.895	0.802	10.4#	84	0.00
53 T	t-1,3-Dichloropropene	0.436	0.393	9.9	85	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.464	9.7	86	0.00
55 T	1,1,2-Trichloroethane	0.247	0.220	10.9	87	0.00
56 T	Ethyl methacrylate	0.316	0.299	5.4	86	0.00
57 T	1,3-Dichloropropane	0.426	0.381	10.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.144	-5.9	91	0.00
59 T	2-Hexanone	0.162	0.145	10.5	85	0.00
60 T	Dibromochloromethane	0.332	0.295	11.1	87	0.00
61 T	1,2-Dibromoethane	0.225	0.205	8.9	87	0.00
62 S	4-Bromofluorobenzene	0.426	0.440	-3.3	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.489	0.435	11.0	87	0.00
65 PM	Chlorobenzene	1.141	0.989	13.3	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.338	13.1	86	0.00
67 C	Ethyl Benzene	1.973	1.730	12.3#	83	0.00
68 T	m/p-Xylenes	0.754	0.675	10.5	85	0.00
69 T	o-Xylene	0.705	0.632	10.4	84	0.00
70 T	Styrene	1.163	1.042	10.4	85	0.00
71 P	Bromoform	0.220	0.199	9.5	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.684	3.205	13.0	84	0.00
74 T	N-amyl acetate	0.798	0.731	8.4	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.594	0.517	13.0	89	0.00
76 T	1,2,3-Trichloropropane	0.496	0.402	19.0	88	0.00
77 T	Bromobenzene	0.856	0.743	13.2	87	0.00
78 T	n-propylbenzene	4.445	3.871	12.9	84	0.00
79 T	2-Chlorotoluene	2.525	2.186	13.4	85	0.00
80 T	1,3,5-Trimethylbenzene	2.993	2.636	11.9	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.179	13.5	85	0.00
82 T	4-Chlorotoluene	2.617	2.254	13.9	85	0.00
83 T	tert-Butylbenzene	2.699	2.336	13.4	83	0.00
84 T	1,2,4-Trimethylbenzene	2.965	2.622	11.6	85	0.00
85 T	sec-Butylbenzene	4.014	3.484	13.2	83	0.00
86 T	p-Isopropyltoluene	3.324	2.914	12.3	83	0.00
87 T	1,3-Dichlorobenzene	1.724	1.468	14.8	86	0.00
88 T	1,4-Dichlorobenzene	1.690	1.441	14.7	86	0.00
89 T	n-Butylbenzene	3.076	2.684	12.7	83	0.00
90 T	Hexachloroethane	0.697	0.581	16.6	85	0.00
91 T	1,2-Dichlorobenzene	1.499	1.285	14.3	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.084	9.7	92	0.00
93 T	1,2,4-Trichlorobenzene	0.889	0.760	14.5	86	0.00
94 T	Hexachlorobutadiene	0.558	0.477	14.5	86	0.00
95 T	Naphthalene	1.465	1.327	9.4	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.759	0.652	14.1	86	0.00

(#) = Out of Range

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