

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023937.D
 Acq On : 10 Dec 2025 13:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121025

Quant Time: Dec 11 04:03:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 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	89	0.00
2 T	Dichlorodifluoromethane	0.347	0.328	5.5	82	0.00
3 P	Chloromethane	0.445	0.453	-1.8	88	0.00
4 C	Vinyl Chloride	0.550	0.572	-4.0#	85	0.00
5 T	Bromomethane	0.469	0.438	6.6	89	0.00
6 T	Chloroethane	0.388	0.388	0.0	84	0.00
7 T	Trichlorofluoromethane	0.829	0.809	2.4	83	0.00
8 T	Diethyl Ether	0.228	0.214	6.1	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.483	0.455	5.8	81	0.00
10 T	Methyl Iodide	0.537	0.517	3.7	69	0.00
11 T	Tert butyl alcohol	0.026	0.023	11.5	81	0.00
12 CM	1,1-Dichloroethene	0.454	0.441	2.9#	81	0.00
13 T	Acrolein	0.041	0.051	-24.4	153#	0.00
14 T	Allyl chloride	0.581	0.558	4.0	79	0.00
15 T	Acrylonitrile	0.091	0.084	7.7	80	-0.01
16 T	Acetone	0.135	0.111	17.8	82	0.00
17 T	Carbon Disulfide	1.205	1.258	-4.4	79	0.00
18 T	Methyl Acetate	0.200	0.186	7.0	80	0.00
19 T	Methyl tert-butyl Ether	1.085	1.039	4.2	79	0.00
20 T	Methylene Chloride	0.520	0.469	9.8	82	0.00
21 T	trans-1,2-Dichloroethene	0.498	0.478	4.0	80	0.00
22 T	Diisopropyl ether	1.322	1.255	5.1	78	0.00
23 T	Vinyl Acetate	0.735	0.706	3.9	78	0.00
24 P	1,1-Dichloroethane	0.824	0.782	5.1	80	0.00
25 T	2-Butanone	0.137	0.122	10.9	81	0.00
26 T	2,2-Dichloropropane	0.769	0.729	5.2	80	0.00
27 T	cis-1,2-Dichloroethene	0.572	0.556	2.8	81	-0.01
28 T	Bromochloromethane	0.310	0.292	5.8	113	0.00
29 T	Tetrahydrofuran	0.070	0.065	7.1	78	-0.01
30 C	Chloroform	0.900	0.850	5.6#	80	0.00
31 T	Cyclohexane	0.758	0.717	5.4	79	0.00
32 T	1,1,1-Trichloroethane	0.835	0.790	5.4	80	0.00
33 S	1,2-Dichloroethane-d4	0.442	0.391	11.5	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.327	0.302	7.6	97	0.00
36 T	1,1-Dichloropropene	0.445	0.437	1.8	79	0.00
37 T	Ethyl Acetate	0.181	0.170	6.1	78	0.00
38 T	Carbon Tetrachloride	0.539	0.519	3.7	80	0.00
39 T	Methylcyclohexane	0.594	0.600	-1.0	80	0.00
40 TM	Benzene	1.355	1.305	3.7	79	0.00
41 T	Methacrylonitrile	0.100	0.089	11.0	78	0.00
42 TM	1,2-Dichloroethane	0.355	0.333	6.2	79	0.00
43 T	Isopropyl Acetate	0.341	0.323	5.3	78	0.00
44 TM	Trichloroethene	0.393	0.383	2.5	82	0.00
45 C	1,2-Dichloropropane	0.306	0.291	4.9#	80	0.00
46 T	Dibromomethane	0.180	0.175	2.8	81	0.00
47 T	Bromodichloromethane	0.474	0.451	4.9	80	0.00
48 T	Methyl methacrylate	0.159	0.158	0.6	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50 S	Toluene-d8	1.217	1.130	7.1	97	0.00
51 T	4-Methyl-2-Pentanone	0.181	0.174	3.9	79	0.00
52 CM	Toluene	0.897	0.879	2.0#	80	0.00
53 T	t-1,3-Dichloropropene	0.409	0.400	2.2	79	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.476	1.2	81	0.00
55 T	1,1,2-Trichloroethane	0.248	0.238	4.0	82	0.00
56 T	Ethyl methacrylate	0.294	0.294	0.0	80	0.00
57 T	1,3-Dichloropropane	0.401	0.385	4.0	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.127	0.112	11.8	77	0.00
59 T	2-Hexanone	0.137	0.129	5.8	80	0.00
60 T	Dibromochloromethane	0.343	0.333	2.9	81	0.00
61 T	1,2-Dibromoethane	0.230	0.222	3.5	81	0.00
62 S	4-Bromofluorobenzene	0.406	0.381	6.2	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.537	0.521	3.0	80	0.00
65 PM	Chlorobenzene	1.159	1.130	2.5	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.406	0.391	3.7	82	0.00
67 C	Ethyl Benzene	1.941	1.910	1.6#	80	0.00
68 T	m/p-Xylenes	0.771	0.769	0.3	81	0.00
69 T	o-Xylene	0.721	0.719	0.3	80	0.00
70 T	Styrene	1.165	1.182	-1.5	81	0.00
71 P	Bromoform	0.239	0.229	4.2	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.654	3.491	4.5	81	0.00
74 T	N-amyl acetate	0.648	0.624	3.7	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.556	0.512	7.9	82	0.00
76 T	1,2,3-Trichloropropane	0.423	0.388	8.3	90	0.00
77 T	Bromobenzene	0.907	0.856	5.6	83	0.00
78 T	n-propylbenzene	4.251	4.099	3.6	81	0.00
79 T	2-Chlorotoluene	2.415	2.307	4.5	81	0.00
80 T	1,3,5-Trimethylbenzene	2.915	2.841	2.5	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.186	0.168	9.7	79	0.00
82 T	4-Chlorotoluene	2.486	2.380	4.3	83	0.00
83 T	tert-Butylbenzene	2.693	2.640	2.0	84	0.00
84 T	1,2,4-Trimethylbenzene	2.888	2.824	2.2	82	0.00
85 T	sec-Butylbenzene	3.929	3.821	2.7	83	0.00
86 T	p-Isopropyltoluene	3.326	3.256	2.1	83	0.00
87 T	1,3-Dichlorobenzene	1.761	1.659	5.8	84	0.00
88 T	1,4-Dichlorobenzene	1.736	1.608	7.4	83	0.00
89 T	n-Butylbenzene	2.910	2.875	1.2	84	0.00
90 T	Hexachloroethane	0.679	0.646	4.9	84	0.00
91 T	1,2-Dichlorobenzene	1.526	1.413	7.4	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.086	0.078	9.3	86	0.00
93 T	1,2,4-Trichlorobenzene	0.897	0.882	1.7	90	0.00
94 T	Hexachlorobutadiene	0.588	0.583	0.9	92	0.00
95 T	Naphthalene	1.386	1.371	1.1	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.763	0.749	1.8	92	0.00

(#) = Out of Range

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