

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032616.D
 Acq On : 10 Dec 2025 14:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121025

Quant Time: Dec 11 01:59:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 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	103	0.00
2 T	Dichlorodifluoromethane	0.310	0.290	6.5	110	0.00
3 P	Chloromethane	0.548	0.472	13.9	108	0.00
4 C	Vinyl Chloride	0.654	0.602	8.0#	107	0.00
5 T	Bromomethane	0.435	0.396	9.0	106	0.00
6 T	Chloroethane	0.422	0.383	9.2	104	0.00
7 T	Trichlorofluoromethane	0.572	0.479	16.3	94	0.00
8 T	Diethyl Ether	0.383	0.359	6.3	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.573	0.518	9.6	105	0.00
10 T	Methyl Iodide	0.798	0.715	10.4	100	0.00
11 T	Tert butyl alcohol	0.052	0.051	1.9	128	0.00
12 CM	1,1-Dichloroethene	0.607	0.559	7.9#	106	0.00
13 T	Acrolein	0.087	0.074	14.9	82	0.00
14 T	Allyl chloride	1.128	1.060	6.0	106	-0.01
15 T	Acrylonitrile	0.214	0.207	3.3	117	0.00
16 T	Acetone	0.262	0.256	2.3	132	-0.01
17 T	Carbon Disulfide	1.764	1.595	9.6	104	0.00
18 T	Methyl Acetate	0.511	0.496	2.9	116	0.00
19 T	Methyl tert-butyl Ether	1.205	1.184	1.7	109	0.00
20 T	Methylene Chloride	0.800	0.668	16.5	105	0.00
21 T	trans-1,2-Dichloroethene	0.663	0.626	5.6	109	-0.01
22 T	Diisopropyl ether	2.285	2.183	4.5	104	0.00
23 T	Vinyl Acetate	1.545	1.526	1.2	111	0.00
24 P	1,1-Dichloroethane	1.307	1.220	6.7	106	0.00
25 T	2-Butanone	0.308	0.314	-1.9	127	0.00
26 T	2,2-Dichloropropane	0.734	0.666	9.3	101	0.00
27 T	cis-1,2-Dichloroethene	0.774	0.740	4.4	107	0.00
28 T	Bromochloromethane	0.519	0.542	-4.4	106	0.00
29 T	Tetrahydrofuran	0.185	0.184	0.5	120	0.00
30 C	Chloroform	1.289	1.200	6.9#	105	0.00
31 T	Cyclohexane	1.204	1.076	10.6	105	0.00
32 T	1,1,1-Trichloroethane	0.948	0.866	8.6	102	0.00
33 S	1,2-Dichloroethane-d4	0.749	0.714	4.7	118	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.338	0.317	6.2	117	0.00
36 T	1,1-Dichloropropene	0.515	0.489	5.0	107	0.00
37 T	Ethyl Acetate	0.353	0.353	0.0	118	0.00
38 T	Carbon Tetrachloride	0.476	0.435	8.6	103	0.00
39 T	Methylcyclohexane	0.647	0.622	3.9	105	0.00
40 TM	Benzene	1.562	1.453	7.0	106	0.00
41 T	Methacrylonitrile	0.188	0.186	1.1	112	0.00
42 TM	1,2-Dichloroethane	0.497	0.462	7.0	107	0.00
43 T	Isopropyl Acetate	0.625	0.610	2.4	115	0.00
44 TM	Trichloroethene	0.357	0.331	7.3	106	0.00
45 C	1,2-Dichloropropane	0.395	0.370	6.3#	106	0.00
46 T	Dibromomethane	0.232	0.225	3.0	111	0.00
47 T	Bromodichloromethane	0.539	0.511	5.2	107	0.00
48 T	Methyl methacrylate	0.295	0.284	3.7	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	117	0.00
50 S	Toluene-d8	1.283	1.224	4.6	115	0.00
51 T	4-Methyl-2-Pentanone	0.349	0.348	0.3	119	0.00
52 CM	Toluene	0.961	0.910	5.3#	105	0.00
53 T	t-1,3-Dichloropropene	0.531	0.526	0.9	110	0.00
54 T	cis-1,3-Dichloropropene	0.612	0.583	4.7	106	0.00
55 T	1,1,2-Trichloroethane	0.311	0.296	4.8	111	0.00
56 T	Ethyl methacrylate	0.448	0.457	-2.0	115	0.00
57 T	1,3-Dichloropropane	0.558	0.541	3.0	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.209	0.202	3.3	153#	0.00
59 T	2-Hexanone	0.253	0.259	-2.4	123	0.00
60 T	Dibromochloromethane	0.346	0.330	4.6	106	0.00
61 T	1,2-Dibromoethane	0.300	0.284	5.3	107	0.00
62 S	4-Bromofluorobenzene	0.471	0.455	3.4	120	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.321	0.300	6.5	110	0.00
65 PM	Chlorobenzene	1.142	1.089	4.6	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.344	3.6	103	0.00
67 C	Ethyl Benzene	1.973	1.930	2.2#	105	0.00
68 T	m/p-Xylenes	0.757	0.721	4.8	102	0.00
69 T	o-Xylene	0.698	0.690	1.1	105	0.00
70 T	Styrene	1.218	1.211	0.6	106	0.00
71 P	Bromoform	0.207	0.203	1.9	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.803	3.678	3.3	103	0.00
74 T	N-amyl acetate	1.303	1.331	-2.1	116	0.00
75 P	1,1,2,2-Tetrachloroethane	0.916	0.895	2.3	114	0.00
76 T	1,2,3-Trichloropropane	0.671	0.625	6.9	109	0.00
77 T	Bromobenzene	0.873	0.872	0.1	115	0.00
78 T	n-propylbenzene	4.858	4.752	2.2	106	0.00
79 T	2-Chlorotoluene	2.851	2.740	3.9	105	0.00
80 T	1,3,5-Trimethylbenzene	3.194	3.137	1.8	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.309	-2.7	118	0.00
82 T	4-Chlorotoluene	3.028	2.955	2.4	110	0.00
83 T	tert-Butylbenzene	2.721	2.729	-0.3	108	0.00
84 T	1,2,4-Trimethylbenzene	3.222	3.146	2.4	105	0.00
85 T	sec-Butylbenzene	4.166	4.090	1.8	107	0.00
86 T	p-Isopropyltoluene	3.389	3.304	2.5	106	0.00
87 T	1,3-Dichlorobenzene	1.786	1.651	7.6	103	0.00
88 T	1,4-Dichlorobenzene	1.779	1.679	5.6	105	0.00
89 T	n-Butylbenzene	3.405	3.384	0.6	110	0.00
90 T	Hexachloroethane	0.633	0.606	4.3	105	0.00
91 T	1,2-Dichlorobenzene	1.612	1.545	4.2	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.152	6.7	115	0.00
93 T	1,2,4-Trichlorobenzene	0.958	0.931	2.8	109	0.00
94 T	Hexachlorobutadiene	0.453	0.423	6.6	103	0.00
95 T	Naphthalene	2.305	2.311	-0.3	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.905	0.896	1.0	110	0.00

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