

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032639.D
 Acq On : 11 Dec 2025 17:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 12 00:47:02 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	82	0.00
2 T	Dichlorodifluoromethane	0.310	0.293	5.5	90	0.00
3 P	Chloromethane	0.548	0.488	10.9	90	0.00
4 C	Vinyl Chloride	0.654	0.621	5.0#	89	0.00
5 T	Bromomethane	0.435	0.426	2.1	92	0.00
6 T	Chloroethane	0.422	0.415	1.7	91	0.00
7 T	Trichlorofluoromethane	0.572	0.534	6.6	84	0.00
8 T	Diethyl Ether	0.383	0.392	-2.3	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.573	0.557	2.8	90	0.00
10 T	Methyl Iodide	0.798	0.787	1.4	88	0.00
11 T	Tert butyl alcohol	0.052	0.054	-3.8	108	0.00
12 CM	1,1-Dichloroethene	0.607	0.605	0.3#	92	0.00
13 T	Acrolein	0.087	0.092	-5.7	82	0.00
14 T	Allyl chloride	1.128	1.111	1.5	89	0.00
15 T	Acrylonitrile	0.214	0.241	-12.6	109	0.00
16 T	Acetone	0.262	0.232	11.5	96	0.00
17 T	Carbon Disulfide	1.764	1.641	7.0	85	0.00
18 T	Methyl Acetate	0.511	0.585	-14.5	109	0.00
19 T	Methyl tert-butyl Ether	1.205	1.280	-6.2	95	0.00
20 T	Methylene Chloride	0.800	0.745	6.9	94	0.00
21 T	trans-1,2-Dichloroethene	0.663	0.670	-1.1	93	0.00
22 T	Diisopropyl ether	2.285	2.432	-6.4	93	0.00
23 T	Vinyl Acetate	1.545	1.677	-8.5	98	0.00
24 P	1,1-Dichloroethane	1.307	1.342	-2.7	94	0.00
25 T	2-Butanone	0.308	0.325	-5.5	105	0.00
26 T	2,2-Dichloropropane	0.734	0.680	7.4	82	0.00
27 T	cis-1,2-Dichloroethene	0.774	0.825	-6.6	95	0.00
28 T	Bromochloromethane	0.519	0.573	-10.4	90	0.00
29 T	Tetrahydrofuran	0.185	0.215	-16.2	112	0.00
30 C	Chloroform	1.289	1.355	-5.1#	95	0.00
31 T	Cyclohexane	1.204	1.140	5.3	89	0.00
32 T	1,1,1-Trichloroethane	0.948	0.936	1.3	88	0.00
33 S	1,2-Dichloroethane-d4	0.749	0.842	-12.4	112	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.338	0.352	-4.1	112	0.00
36 T	1,1-Dichloropropene	0.515	0.484	6.0	90	0.00
37 T	Ethyl Acetate	0.353	0.366	-3.7	105	0.00
38 T	Carbon Tetrachloride	0.476	0.454	4.6	92	0.00
39 T	Methylcyclohexane	0.647	0.595	8.0	86	0.00
40 TM	Benzene	1.562	1.521	2.6	94	0.00
41 T	Methacrylonitrile	0.188	0.208	-10.6	107	0.00
42 TM	1,2-Dichloroethane	0.497	0.496	0.2	98	0.00
43 T	Isopropyl Acetate	0.625	0.641	-2.6	104	0.00
44 TM	Trichloroethene	0.357	0.335	6.2	92	0.00
45 C	1,2-Dichloropropane	0.395	0.395	0.0	96	0.00
46 T	Dibromomethane	0.232	0.239	-3.0	101	0.00
47 T	Bromodichloromethane	0.539	0.546	-1.3	98	0.00
48 T	Methyl methacrylate	0.295	0.301	-2.0	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	110	0.00
50 S	Toluene-d8	1.283	1.307	-1.9	105	0.00
51 T	4-Methyl-2-Pentanone	0.349	0.377	-8.0	110	0.00
52 CM	Toluene	0.961	0.923	4.0#	91	0.00
53 T	t-1,3-Dichloropropene	0.531	0.522	1.7	93	0.00
54 T	cis-1,3-Dichloropropene	0.612	0.609	0.5	95	0.00
55 T	1,1,2-Trichloroethane	0.311	0.322	-3.5	103	0.00
56 T	Ethyl methacrylate	0.448	0.471	-5.1	101	0.00
57 T	1,3-Dichloropropane	0.558	0.575	-3.0	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.209	0.265	-26.8#	172#	0.00
59 T	2-Hexanone	0.253	0.268	-5.9	109	0.00
60 T	Dibromochloromethane	0.346	0.351	-1.4	96	0.00
61 T	1,2-Dibromoethane	0.300	0.307	-2.3	98	0.00
62 S	4-Bromofluorobenzene	0.471	0.490	-4.0	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.321	0.310	3.4	100	0.00
65 PM	Chlorobenzene	1.142	1.112	2.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.360	-0.8	95	0.00
67 C	Ethyl Benzene	1.973	1.911	3.1#	92	0.00
68 T	m/p-Xylenes	0.757	0.734	3.0	92	0.00
69 T	o-Xylene	0.698	0.697	0.1	93	0.00
70 T	Styrene	1.218	1.249	-2.5	97	0.00
71 P	Bromoform	0.207	0.217	-4.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.803	3.612	5.0	92	0.00
74 T	N-amyl acetate	1.303	1.299	0.3	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.916	0.927	-1.2	106	0.00
76 T	1,2,3-Trichloropropane	0.671	0.670	0.1	106	0.00
77 T	Bromobenzene	0.873	0.838	4.0	100	0.00
78 T	n-propylbenzene	4.858	4.590	5.5	92	0.00
79 T	2-Chlorotoluene	2.851	2.720	4.6	94	0.00
80 T	1,3,5-Trimethylbenzene	3.194	3.031	5.1	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.295	2.0	102	0.00
82 T	4-Chlorotoluene	3.028	2.872	5.2	96	0.00
83 T	tert-Butylbenzene	2.721	2.566	5.7	91	0.00
84 T	1,2,4-Trimethylbenzene	3.222	3.059	5.1	92	0.00
85 T	sec-Butylbenzene	4.166	3.786	9.1	90	0.00
86 T	p-Isopropyltoluene	3.389	3.144	7.2	91	0.00
87 T	1,3-Dichlorobenzene	1.786	1.745	2.3	99	0.00
88 T	1,4-Dichlorobenzene	1.779	1.680	5.6	95	0.00
89 T	n-Butylbenzene	3.405	3.094	9.1	91	0.00
90 T	Hexachloroethane	0.633	0.584	7.7	91	0.00
91 T	1,2-Dichlorobenzene	1.612	1.536	4.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.149	8.6	102	0.00
93 T	1,2,4-Trichlorobenzene	0.958	0.915	4.5	97	0.00
94 T	Hexachlorobutadiene	0.453	0.348	23.2	76	0.00
95 T	Naphthalene	2.305	2.263	1.8	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.905	0.838	7.4	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5