

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032146.D
 Acq On : 26 Aug 2025 13:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

Quant Time: Aug 27 04:20:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 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	114	0.00
2 T	Dichlorodifluoromethane	0.330	0.300	9.1	109	0.00
3 P	Chloromethane	0.346	0.316	8.7	106	0.00
4 C	Vinyl Chloride	0.450	0.416	7.6#	107	0.00
5 T	Bromomethane	0.401	0.352	12.2	107	0.00
6 T	Chloroethane	0.317	0.286	9.8	102	0.00
7 T	Trichlorofluoromethane	0.445	0.405	9.0	96	0.00
8 T	Diethyl Ether	0.332	0.293	11.7	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.492	2.0	111	0.00
10 T	Methyl Iodide	0.764	0.708	7.3	107	0.00
11 T	Tert butyl alcohol	0.044	0.039	11.4	100	0.00
12 CM	1,1-Dichloroethene	0.528	0.513	2.8#	109	0.00
13 T	Acrolein	0.067	0.055	17.9	94	0.00
14 T	Allyl chloride	0.751	0.737	1.9	109	0.00
15 T	Acrylonitrile	0.162	0.151	6.8	105	0.00
16 T	Acetone	0.155	0.162	-4.5	117	0.00
17 T	Carbon Disulfide	1.322	1.287	2.6	108	0.00
18 T	Methyl Acetate	0.493	0.450	8.7	99	0.00
19 T	Methyl tert-butyl Ether	0.998	0.966	3.2	105	0.00
20 T	Methylene Chloride	0.725	0.604	16.7	107	-0.01
21 T	trans-1,2-Dichloroethene	0.590	0.566	4.1	106	0.00
22 T	Diisopropyl ether	1.634	1.602	2.0	106	0.00
23 T	Vinyl Acetate	1.111	1.088	2.1	105	0.00
24 P	1,1-Dichloroethane	1.070	0.989	7.6	102	0.00
25 T	2-Butanone	0.219	0.218	0.5	110	0.00
26 T	2,2-Dichloropropane	0.566	0.580	-2.5	108	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.679	5.4	104	0.00
28 T	Bromochloromethane	0.490	0.439	10.4	103	0.00
29 T	Tetrahydrofuran	0.139	0.129	7.2	103	0.00
30 C	Chloroform	1.221	1.151	5.7#	105	0.00
31 T	Cyclohexane	0.878	0.819	6.7	108	0.00
32 T	1,1,1-Trichloroethane	0.891	0.869	2.5	108	0.00
33 S	1,2-Dichloroethane-d4	0.715	0.601	15.9	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
35 S	Dibromofluoromethane	0.351	0.304	13.4	98	0.00
36 T	1,1-Dichloropropene	0.455	0.458	-0.7	105	0.00
37 T	Ethyl Acetate	0.273	0.263	3.7	103	0.00
38 T	Carbon Tetrachloride	0.488	0.498	-2.0	106	0.00
39 T	Methylcyclohexane	0.539	0.587	-8.9	110	0.00
40 TM	Benzene	1.406	1.390	1.1	106	0.00
41 T	Methacrylonitrile	0.152	0.151	0.7	111	0.00
42 TM	1,2-Dichloroethane	0.487	0.472	3.1	105	0.00
43 T	Isopropyl Acetate	0.512	0.497	2.9	102	0.00
44 TM	Trichloroethene	0.354	0.357	-0.8	111	0.00
45 C	1,2-Dichloropropane	0.339	0.326	3.8#	102	0.00
46 T	Dibromomethane	0.238	0.225	5.5	105	0.00
47 T	Bromodichloromethane	0.540	0.524	3.0	102	0.00
48 T	Methyl methacrylate	0.236	0.232	1.7	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	113	0.00
50 S	Toluene-d8	1.231	1.121	8.9	98	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.284	1.7	104	0.00
52 CM	Toluene	0.919	0.896	2.5#	103	0.00
53 T	t-1,3-Dichloropropene	0.477	0.490	-2.7	106	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.544	0.0	103	0.00
55 T	1,1,2-Trichloroethane	0.309	0.284	8.1	102	0.00
56 T	Ethyl methacrylate	0.395	0.406	-2.8	104	0.00
57 T	1,3-Dichloropropane	0.518	0.503	2.9	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.197	6.6	102	0.00
59 T	2-Hexanone	0.201	0.208	-3.5	108	0.00
60 T	Dibromochloromethane	0.374	0.368	1.6	103	0.00
61 T	1,2-Dibromoethane	0.304	0.293	3.6	102	0.00
62 S	4-Bromofluorobenzene	0.455	0.410	9.9	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64 T	Tetrachloroethene	0.329	0.346	-5.2	110	0.00
65 PM	Chlorobenzene	1.138	1.104	3.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.379	-1.1	106	0.00
67 C	Ethyl Benzene	1.865	1.987	-6.5#	110	0.00
68 T	m/p-Xylenes	0.718	0.753	-4.9	106	0.00
69 T	o-Xylene	0.679	0.724	-6.6	108	0.00
70 T	Styrene	1.197	1.253	-4.7	106	0.00
71 P	Bromoform	0.223	0.225	-0.9	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	3.397	3.513	-3.4	106	0.00
74 T	N-amyl acetate	0.986	0.987	-0.1	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.807	0.759	5.9	102	0.00
76 T	1,2,3-Trichloropropane	0.626	0.654	-4.5	117	0.00
77 T	Bromobenzene	0.866	0.859	0.8	103	0.00
78 T	n-propylbenzene	4.124	4.328	-4.9	108	0.00
79 T	2-Chlorotoluene	2.522	2.560	-1.5	106	0.00
80 T	1,3,5-Trimethylbenzene	2.876	3.052	-6.1	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.243	-4.3	107	0.00
82 T	4-Chlorotoluene	2.699	2.677	0.8	102	0.00
83 T	tert-Butylbenzene	2.439	2.610	-7.0	105	0.00
84 T	1,2,4-Trimethylbenzene	2.975	3.088	-3.8	105	0.00
85 T	sec-Butylbenzene	3.641	3.866	-6.2	107	0.00
86 T	p-Isopropyltoluene	3.096	3.265	-5.5	106	0.00
87 T	1,3-Dichlorobenzene	1.744	1.710	1.9	103	0.00
88 T	1,4-Dichlorobenzene	1.748	1.672	4.3	104	0.00
89 T	n-Butylbenzene	2.952	3.153	-6.8	108	0.00
90 T	Hexachloroethane	0.566	0.575	-1.6	108	0.00
91 T	1,2-Dichlorobenzene	1.544	1.475	4.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.136	4.9	106	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.964	2.3	101	0.00
94 T	Hexachlorobutadiene	0.489	0.455	7.0	94	0.00
95 T	Naphthalene	2.233	2.331	-4.4	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.925	-0.8	109	0.00

(#) = Out of Range

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