

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032223.D
 Acq On : 22 Sep 2025 08:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 23 10:28:18 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	97	0.00
2 T	Dichlorodifluoromethane	0.330	0.287	13.0	89	0.00
3 P	Chloromethane	0.346	0.337	2.6	96	0.00
4 C	Vinyl Chloride	0.450	0.475	-5.6#	104	0.00
5 T	Bromomethane	0.401	0.396	1.2	103	0.00
6 T	Chloroethane	0.317	0.339	-6.9	104	0.00
7 T	Trichlorofluoromethane	0.445	0.519	-16.6	104	0.00
8 T	Diethyl Ether	0.332	0.309	6.9	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.509	-1.4	98	0.00
10 T	Methyl Iodide	0.764	0.741	3.0	96	0.00
11 T	Tert butyl alcohol	0.044	0.037	15.9	80	0.00
12 CM	1,1-Dichloroethene	0.528	0.532	-0.8#	96	0.00
13 T	Acrolein	0.067	0.011	83.6#	16#	0.00
14 T	Allyl chloride	0.751	0.734	2.3	92	0.00
15 T	Acrylonitrile	0.162	0.153	5.6	91	0.00
16 T	Acetone	0.155	0.152	1.9	94	0.00
17 T	Carbon Disulfide	1.322	1.216	8.0	87	0.00
18 T	Methyl Acetate	0.493	0.538	-9.1	101	0.00
19 T	Methyl tert-butyl Ether	0.998	0.977	2.1	90	0.00
20 T	Methylene Chloride	0.725	0.582	19.7	88	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.556	5.8	88	0.00
22 T	Diisopropyl ether	1.634	1.658	-1.5	94	0.00
23 T	Vinyl Acetate	1.111	1.038	6.6	85	0.00
24 P	1,1-Dichloroethane	1.070	1.027	4.0	90	0.00
25 T	2-Butanone	0.219	0.207	5.5	88	0.00
26 T	2,2-Dichloropropane	0.566	0.611	-8.0	97	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.670	6.7	88	0.00
28 T	Bromochloromethane	0.490	0.499	-1.8	99	0.00
29 T	Tetrahydrofuran	0.139	0.134	3.6	91	0.00
30 C	Chloroform	1.221	1.178	3.5#	91	0.00
31 T	Cyclohexane	0.878	0.797	9.2	90	0.00
32 T	1,1,1-Trichloroethane	0.891	0.895	-0.4	95	0.00
33 S	1,2-Dichloroethane-d4	0.715	0.679	5.0	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.351	0.344	2.0	96	0.00
36 T	1,1-Dichloropropene	0.455	0.455	0.0	90	0.00
37 T	Ethyl Acetate	0.273	0.262	4.0	89	0.00
38 T	Carbon Tetrachloride	0.488	0.494	-1.2	91	0.00
39 T	Methylcyclohexane	0.539	0.525	2.6	85	0.00
40 TM	Benzene	1.406	1.378	2.0	91	0.00
41 T	Methacrylonitrile	0.152	0.143	5.9	91	0.00
42 TM	1,2-Dichloroethane	0.487	0.472	3.1	90	0.00
43 T	Isopropyl Acetate	0.512	0.490	4.3	87	0.00
44 TM	Trichloroethene	0.354	0.326	7.9	87	0.00
45 C	1,2-Dichloropropane	0.339	0.330	2.7#	89	0.00
46 T	Dibromomethane	0.238	0.232	2.5	93	0.00
47 T	Bromodichloromethane	0.540	0.534	1.1	90	0.00
48 T	Methyl methacrylate	0.236	0.233	1.3	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	86	0.00
50 S	Toluene-d8	1.231	1.181	4.1	90	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.288	0.3	91	0.00
52 CM	Toluene	0.919	0.899	2.2#	89	0.00
53 T	t-1,3-Dichloropropene	0.477	0.477	0.0	89	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.542	0.4	89	0.00
55 T	1,1,2-Trichloroethane	0.309	0.301	2.6	94	0.00
56 T	Ethyl methacrylate	0.395	0.389	1.5	86	0.00
57 T	1,3-Dichloropropane	0.518	0.500	3.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.227	-7.6	102	0.00
59 T	2-Hexanone	0.201	0.205	-2.0	92	0.00
60 T	Dibromochloromethane	0.374	0.365	2.4	88	0.00
61 T	1,2-Dibromoethane	0.304	0.288	5.3	87	0.00
62 S	4-Bromofluorobenzene	0.455	0.434	4.6	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.329	0.298	9.4	85	0.00
65 PM	Chlorobenzene	1.138	1.058	7.0	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.372	0.8	93	0.00
67 C	Ethyl Benzene	1.865	1.813	2.8#	90	0.00
68 T	m/p-Xylenes	0.718	0.698	2.8	88	0.00
69 T	o-Xylene	0.679	0.667	1.8	89	0.00
70 T	Styrene	1.197	1.173	2.0	89	0.00
71 P	Bromoform	0.223	0.214	4.0	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.397	3.408	-0.3	89	0.00
74 T	N-amyl acetate	0.986	0.950	3.7	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.807	0.790	2.1	92	0.00
76 T	1,2,3-Trichloropropane	0.626	0.675	-7.8	105	0.00
77 T	Bromobenzene	0.866	0.829	4.3	86	0.00
78 T	n-propylbenzene	4.124	4.390	-6.5	95	0.00
79 T	2-Chlorotoluene	2.522	2.485	1.5	89	0.00
80 T	1,3,5-Trimethylbenzene	2.876	2.887	-0.4	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.242	-3.9	92	0.00
82 T	4-Chlorotoluene	2.699	2.654	1.7	87	0.00
83 T	tert-Butylbenzene	2.439	2.496	-2.3	87	0.00
84 T	1,2,4-Trimethylbenzene	2.975	3.003	-0.9	88	0.00
85 T	sec-Butylbenzene	3.641	3.786	-4.0	90	0.00
86 T	p-Isopropyltoluene	3.096	3.100	-0.1	87	0.00
87 T	1,3-Dichlorobenzene	1.744	1.629	6.6	85	0.00
88 T	1,4-Dichlorobenzene	1.748	1.701	2.7	92	0.00
89 T	n-Butylbenzene	2.952	3.066	-3.9	91	0.00
90 T	Hexachloroethane	0.566	0.567	-0.2	92	0.00
91 T	1,2-Dichlorobenzene	1.544	1.510	2.2	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.133	7.0	90	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.898	9.0	81	0.00
94 T	Hexachlorobutadiene	0.489	0.413	15.5	74	0.00
95 T	Naphthalene	2.233	2.106	5.7	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.853	7.1	87	0.00

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