

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032023.D
 Acq On : 06 Aug 2025 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 07 02:15:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 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	106	0.00
2 T	Dichlorodifluoromethane	0.372	0.328	11.8	97	0.00
3 P	Chloromethane	0.477	0.459	3.8	112	0.00
4 C	Vinyl Chloride	0.620	0.623	-0.5#	108	0.00
5 T	Bromomethane	0.456	0.436	4.4	107	0.00
6 T	Chloroethane	0.409	0.407	0.5	110	-0.01
7 T	Trichlorofluoromethane	0.628	0.533	15.1	83	-0.01
8 T	Diethyl Ether	0.419	0.402	4.1	110	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.609	-0.8	110	-0.01
10 T	Methyl Iodide	0.902	0.896	0.7	110	0.00
11 T	Tert butyl alcohol	0.044	0.044	0.0	107	0.02
12 CM	1,1-Dichloroethene	0.667	0.673	-0.9#	111	0.00
13 T	Acrolein	0.065	0.012	81.5#	24#	0.00
14 T	Allyl chloride	1.038	1.022	1.5	107	-0.01
15 T	Acrylonitrile	0.187	0.183	2.1	107	0.00
16 T	Acetone	0.179	0.162	9.5	104	0.00
17 T	Carbon Disulfide	1.729	1.756	-1.6	110	-0.01
18 T	Methyl Acetate	0.494	0.516	-4.5	115	0.00
19 T	Methyl tert-butyl Ether	1.152	1.241	-7.7	116	0.00
20 T	Methylene Chloride	0.944	0.722	23.5	101	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.701	0.8	108	-0.01
22 T	Diisopropyl ether	2.077	2.085	-0.4	107	0.00
23 T	Vinyl Acetate	1.357	1.345	0.9	105	-0.01
24 P	1,1-Dichloroethane	1.293	1.289	0.3	108	0.00
25 T	2-Butanone	0.246	0.234	4.9	105	0.00
26 T	2,2-Dichloropropane	0.732	0.725	1.0	104	-0.01
27 T	cis-1,2-Dichloroethene	0.832	0.838	-0.7	108	0.00
28 T	Bromochloromethane	0.541	0.467	13.7	94	0.00
29 T	Tetrahydrofuran	0.161	0.156	3.1	104	0.00
30 C	Chloroform	1.356	1.352	0.3#	109	0.00
31 T	Cyclohexane	1.160	1.104	4.8	107	0.00
32 T	1,1,1-Trichloroethane	1.032	1.056	-2.3	111	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.702	7.1	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.340	0.338	0.6	106	-0.01
36 T	1,1-Dichloropropene	0.522	0.538	-3.1	108	0.00
37 T	Ethyl Acetate	0.298	0.287	3.7	99	0.00
38 T	Carbon Tetrachloride	0.501	0.530	-5.8	110	0.00
39 T	Methylcyclohexane	0.657	0.687	-4.6	107	0.00
40 TM	Benzene	1.545	1.612	-4.3	108	0.00
41 T	Methacrylonitrile	0.178	0.174	2.2	99	0.00
42 TM	1,2-Dichloroethane	0.494	0.503	-1.8	107	0.00
43 T	Isopropyl Acetate	0.539	0.554	-2.8	106	0.00
44 TM	Trichloroethene	0.367	0.384	-4.6	108	0.00
45 C	1,2-Dichloropropane	0.372	0.382	-2.7#	108	0.00
46 T	Dibromomethane	0.231	0.241	-4.3	109	0.00
47 T	Bromodichloromethane	0.553	0.579	-4.7	110	0.00
48 T	Methyl methacrylate	0.256	0.274	-7.0	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	123	0.00
50 S	Toluene-d8	1.286	1.288	-0.2	107	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.309	-4.7	107	0.00
52 CM	Toluene	0.993	1.035	-4.2#	108	0.00
53 T	t-1,3-Dichloropropene	0.530	0.555	-4.7	108	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.634	-4.6	107	0.00
55 T	1,1,2-Trichloroethane	0.306	0.322	-5.2	109	0.00
56 T	Ethyl methacrylate	0.433	0.468	-8.1	108	0.00
57 T	1,3-Dichloropropane	0.540	0.565	-4.6	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.216	2.7	98	0.00
59 T	2-Hexanone	0.205	0.212	-3.4	105	0.00
60 T	Dibromochloromethane	0.357	0.390	-9.2	113	0.00
61 T	1,2-Dibromoethane	0.303	0.318	-5.0	109	0.00
62 S	4-Bromofluorobenzene	0.494	0.499	-1.0	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.330	0.340	-3.0	112	0.00
65 PM	Chlorobenzene	1.224	1.247	-1.9	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.395	-4.2	112	0.00
67 C	Ethyl Benzene	2.150	2.177	-1.3#	105	0.00
68 T	m/p-Xylenes	0.809	0.846	-4.6	110	0.00
69 T	o-Xylene	0.766	0.809	-5.6	109	0.00
70 T	Styrene	1.304	1.398	-7.2	110	0.00
71 P	Bromoform	0.207	0.223	-7.7	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.338	4.682	-7.9	106	0.00
74 T	N-amyl acetate	1.173	1.306	-11.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	1.007	-9.3	109	0.00
76 T	1,2,3-Trichloropropane	0.690	0.741	-7.4	107	0.00
77 T	Bromobenzene	0.939	1.048	-11.6	115	0.00
78 T	n-propylbenzene	5.328	5.644	-5.9	105	0.00
79 T	2-Chlorotoluene	3.181	3.387	-6.5	107	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.952	-8.6	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.332	-11.0	110	0.00
82 T	4-Chlorotoluene	3.337	3.622	-8.5	110	0.00
83 T	tert-Butylbenzene	3.099	3.254	-5.0	105	0.00
84 T	1,2,4-Trimethylbenzene	3.683	3.981	-8.1	107	0.00
85 T	sec-Butylbenzene	4.654	5.013	-7.7	108	0.00
86 T	p-Isopropyltoluene	3.847	4.047	-5.2	105	0.00
87 T	1,3-Dichlorobenzene	1.954	2.096	-7.3	109	0.00
88 T	1,4-Dichlorobenzene	1.914	2.123	-10.9	116	0.00
89 T	n-Butylbenzene	3.774	4.072	-7.9	106	0.00
90 T	Hexachloroethane	0.665	0.713	-7.2	110	0.00
91 T	1,2-Dichlorobenzene	1.732	1.780	-2.8	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.172	-3.6	107	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.194	-14.4	120	0.00
94 T	Hexachlorobutadiene	0.495	0.518	-4.6	105	0.00
95 T	Naphthalene	2.567	2.864	-11.6	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	0.995	-5.2	106	0.00

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