

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031927.D
 Acq On : 24 Jul 2025 15:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 25 03:45:33 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	94	0.00
2 T	Dichlorodifluoromethane	0.372	0.346	7.0	91	0.00
3 P	Chloromethane	0.477	0.448	6.1	97	0.00
4 C	Vinyl Chloride	0.620	0.570	8.1#	88	0.00
5 T	Bromomethane	0.456	0.411	9.9	89	0.00
6 T	Chloroethane	0.409	0.386	5.6	93	0.00
7 T	Trichlorofluoromethane	0.628	0.536	14.6	75	0.00
8 T	Diethyl Ether	0.419	0.395	5.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.564	6.6	90	-0.01
10 T	Methyl Iodide	0.902	0.831	7.9	91	0.01
11 T	Tert butyl alcohol	0.044	0.050	-13.6	109	0.00
12 CM	1,1-Dichloroethene	0.667	0.613	8.1#	90	0.00
13 T	Acrolein	0.065	0.039	40.0#	70	-0.01
14 T	Allyl chloride	1.038	0.952	8.3	89	0.00
15 T	Acrylonitrile	0.187	0.195	-4.3	101	0.00
16 T	Acetone	0.179	0.148	17.3	84	0.00
17 T	Carbon Disulfide	1.729	1.546	10.6	86	0.00
18 T	Methyl Acetate	0.494	0.557	-12.8	111	0.00
19 T	Methyl tert-butyl Ether	1.152	1.186	-3.0	99	0.00
20 T	Methylene Chloride	0.944	0.691	26.8#	86	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.675	4.5	92	0.00
22 T	Diisopropyl ether	2.077	2.060	0.8	94	0.00
23 T	Vinyl Acetate	1.357	1.392	-2.6	97	0.00
24 P	1,1-Dichloroethane	1.293	1.265	2.2	95	0.00
25 T	2-Butanone	0.246	0.252	-2.4	101	0.00
26 T	2,2-Dichloropropane	0.732	0.665	9.2	85	0.00
27 T	cis-1,2-Dichloroethene	0.832	0.831	0.1	95	0.00
28 T	Bromochloromethane	0.541	0.544	-0.6	98	0.00
29 T	Tetrahydrofuran	0.161	0.177	-9.9	105	0.00
30 C	Chloroform	1.356	1.348	0.6#	97	0.00
31 T	Cyclohexane	1.160	1.043	10.1	90	0.00
32 T	1,1,1-Trichloroethane	1.032	0.970	6.0	91	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.746	1.3	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.340	0.335	1.5	100	0.00
36 T	1,1-Dichloropropene	0.522	0.478	8.4	91	0.00
37 T	Ethyl Acetate	0.298	0.300	-0.7	98	0.00
38 T	Carbon Tetrachloride	0.501	0.461	8.0	91	0.00
39 T	Methylcyclohexane	0.657	0.606	7.8	89	0.00
40 TM	Benzene	1.545	1.471	4.8	94	0.00
41 T	Methacrylonitrile	0.178	0.182	-2.2	98	0.00
42 TM	1,2-Dichloroethane	0.494	0.479	3.0	97	0.00
43 T	Isopropyl Acetate	0.539	0.559	-3.7	102	0.00
44 TM	Trichloroethene	0.367	0.347	5.4	93	0.00
45 C	1,2-Dichloropropane	0.372	0.361	3.0#	97	0.00
46 T	Dibromomethane	0.231	0.228	1.3	98	0.00
47 T	Bromodichloromethane	0.553	0.538	2.7	98	0.00
48 T	Methyl methacrylate	0.256	0.270	-5.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	100	0.00
50 S	Toluene-d8	1.286	1.241	3.5	98	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.313	-6.1	103	0.00
52 CM	Toluene	0.993	0.959	3.4#	95	0.00
53 T	t-1,3-Dichloropropene	0.530	0.521	1.7	97	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.589	2.8	95	0.00
55 T	1,1,2-Trichloroethane	0.306	0.306	0.0	99	0.00
56 T	Ethyl methacrylate	0.433	0.456	-5.3	100	0.00
57 T	1,3-Dichloropropane	0.540	0.536	0.7	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.233	-5.0	101	0.00
59 T	2-Hexanone	0.205	0.219	-6.8	103	0.00
60 T	Dibromochloromethane	0.357	0.354	0.8	98	0.00
61 T	1,2-Dibromoethane	0.303	0.306	-1.0	100	0.00
62 S	4-Bromofluorobenzene	0.494	0.484	2.0	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.330	0.293	11.2	93	0.00
65 PM	Chlorobenzene	1.224	1.142	6.7	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.360	5.0	98	0.00
67 C	Ethyl Benzene	2.150	2.025	5.8#	94	0.00
68 T	m/p-Xylenes	0.809	0.768	5.1	96	0.00
69 T	o-Xylene	0.766	0.734	4.2	95	0.00
70 T	Styrene	1.304	1.294	0.8	98	0.00
71 P	Bromoform	0.207	0.197	4.8	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.338	4.129	4.8	94	0.00
74 T	N-amyl acetate	1.173	1.197	-2.0	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	0.934	-1.4	102	0.00
76 T	1,2,3-Trichloropropane	0.690	0.696	-0.9	101	0.00
77 T	Bromobenzene	0.939	0.930	1.0	102	0.00
78 T	n-propylbenzene	5.328	5.045	5.3	95	0.00
79 T	2-Chlorotoluene	3.181	2.981	6.3	95	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.481	4.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.289	3.3	96	0.00
82 T	4-Chlorotoluene	3.337	3.106	6.9	95	0.00
83 T	tert-Butylbenzene	3.099	2.950	4.8	96	0.00
84 T	1,2,4-Trimethylbenzene	3.683	3.473	5.7	94	0.00
85 T	sec-Butylbenzene	4.654	4.405	5.4	95	0.00
86 T	p-Isopropyltoluene	3.847	3.645	5.3	95	0.00
87 T	1,3-Dichlorobenzene	1.954	1.789	8.4	94	0.00
88 T	1,4-Dichlorobenzene	1.914	1.780	7.0	98	0.00
89 T	n-Butylbenzene	3.774	3.590	4.9	94	0.00
90 T	Hexachloroethane	0.665	0.616	7.4	96	0.00
91 T	1,2-Dichlorobenzene	1.732	1.622	6.4	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.164	1.2	102	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.052	-0.8	107	0.00
94 T	Hexachlorobutadiene	0.495	0.475	4.0	97	0.00
95 T	Naphthalene	2.567	2.662	-3.7	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	0.859	9.2	92	0.00

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