

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048337.D
 Acq On : 23 Oct 2025 19:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:52:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	119	0.00
2 T	Dichlorodifluoromethane	0.514	0.410	20.2	101	0.00
3 P	Chloromethane	0.480	0.197	59.0#	52	0.00
4 C	Vinyl Chloride	0.444	0.567	-27.7#	162#	0.00
5 T	Bromomethane	0.302	0.199	34.1#	84	0.00
6 T	Chloroethane	0.261	0.337	-29.1#	163#	0.00
7 T	Trichlorofluoromethane	0.852	0.945	-10.9	140	0.00
8 T	Diethyl Ether	0.240	0.338	-40.8#	181#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.507	6.1	121	0.00
10 T	Methyl Iodide	0.678	1.865	-175.1#	336#	0.00
11 T	Tert butyl alcohol	0.070	0.057	18.6	110	0.00
12 CM	1,1-Dichloroethene	0.525	0.507	3.4#	125	0.00
13 T	Acrolein	0.071	0.086	-21.1	158#	0.00
14 T	Allyl chloride	0.872	0.871	0.1	129	0.00
15 T	Acrylonitrile	0.251	0.239	4.8	119	0.00
16 T	Acetone	0.240	0.191	20.4	112	0.00
17 T	Carbon Disulfide	1.654	1.389	16.0	115	0.00
18 T	Methyl Acetate	0.502	0.524	-4.4	134	0.00
19 T	Methyl tert-butyl Ether	1.791	1.769	1.2	124	0.00
20 T	Methylene Chloride	0.586	0.553	5.6	120	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.544	5.7	121	0.00
22 T	Diisopropyl ether	1.738	1.924	-10.7	138	0.00
23 T	Vinyl Acetate	1.389	1.299	6.5	115	0.00
24 P	1,1-Dichloroethane	1.051	1.065	-1.3	130	0.00
25 T	2-Butanone	0.304	0.272	10.5	115	0.00
26 T	2,2-Dichloropropane	0.949	0.844	11.1	115	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.658	2.2	125	0.00
28 T	Bromochloromethane	0.436	0.505	-15.8	136	0.00
29 T	Tetrahydrofuran	0.182	0.178	2.2	124	0.00
30 C	Chloroform	1.123	1.096	2.4#	125	0.00
31 T	Cyclohexane	0.870	0.860	1.1	125	0.00
32 T	1,1,1-Trichloroethane	1.035	0.971	6.2	119	0.00
33 S	1,2-Dichloroethane-d4	0.701	0.813	-16.0	142	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	128	0.00
35 S	Dibromofluoromethane	0.341	0.297	12.9	115	0.00
36 T	1,1-Dichloropropene	0.485	0.418	13.8	123	0.00
37 T	Ethyl Acetate	0.402	0.389	3.2	135	0.00
38 T	Carbon Tetrachloride	0.599	0.479	20.0	110	0.00
39 T	Methylcyclohexane	0.573	0.485	15.4	114	0.00
40 TM	Benzene	1.409	1.272	9.7	125	0.00
41 T	Methacrylonitrile	0.211	0.206	2.4	128	0.00
42 TM	1,2-Dichloroethane	0.520	0.493	5.2	126	0.00
43 T	Isopropyl Acetate	0.661	0.657	0.6	132	0.00
44 TM	Trichloroethene	0.372	0.324	12.9	119	0.00
45 C	1,2-Dichloropropane	0.335	0.318	5.1#	126	0.00
46 T	Dibromomethane	0.261	0.233	10.7	121	0.00
47 T	Bromodichloromethane	0.563	0.497	11.7	118	0.00
48 T	Methyl methacrylate	0.333	0.328	1.5	130	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.003	25.0	91	0.00
50 S	Toluene-d8	1.196	1.242	-3.8	134	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.363	4.7	123	0.00
52 CM	Toluene	0.895	0.796	11.1#	118	0.00
53 T	t-1,3-Dichloropropene	0.543	0.455	16.2	107	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.473	19.3	105	0.00
55 T	1,1,2-Trichloroethane	0.333	0.291	12.6	116	0.00
56 T	Ethyl methacrylate	0.487	0.459	5.7	120	0.00
57 T	1,3-Dichloropropane	0.568	0.518	8.8	120	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.254	-9.5	125	0.00
59 T	2-Hexanone	0.266	0.249	6.4	119	0.00
60 T	Dibromochloromethane	0.447	0.359	19.7	108	0.00
61 T	1,2-Dibromoethane	0.355	0.310	12.7	116	0.00
62 S	4-Bromofluorobenzene	0.455	0.493	-8.4	142	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	127	0.00
64 T	Tetrachloroethene	0.373	0.319	14.5	124	0.00
65 PM	Chlorobenzene	1.125	0.974	13.4	119	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.339	17.9	111	0.00
67 C	Ethyl Benzene	1.915	1.696	11.4#	118	0.00
68 T	m/p-Xylenes	0.712	0.632	11.2	117	0.00
69 T	o-Xylene	0.687	0.612	10.9	117	0.00
70 T	Styrene	1.170	1.052	10.1	117	0.00
71 P	Bromoform	0.330	0.241	27.0#	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	130	0.00
73 T	Isopropylbenzene	3.652	3.085	15.5	117	0.00
74 T	N-amyl acetate	1.295	1.267	2.2	132	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	0.803	19.5	110	0.00
76 T	1,2,3-Trichloropropane	0.811	0.723	10.9	128	0.00
77 T	Bromobenzene	0.916	0.745	18.7	113	0.00
78 T	n-propylbenzene	4.228	3.651	13.6	118	0.00
79 T	2-Chlorotoluene	2.564	2.196	14.4	119	0.00
80 T	1,3,5-Trimethylbenzene	3.022	2.527	16.4	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.162	51.4#	66	0.00
82 T	4-Chlorotoluene	3.043	2.603	14.5	117	0.00
83 T	tert-Butylbenzene	3.105	2.541	18.2	113	0.00
84 T	1,2,4-Trimethylbenzene	3.016	2.560	15.1	116	0.00
85 T	sec-Butylbenzene	3.736	3.068	17.9	115	0.00
86 T	p-Isopropyltoluene	3.229	2.569	20.4	112	0.00
87 T	1,3-Dichlorobenzene	1.726	1.383	19.9	116	0.00
88 T	1,4-Dichlorobenzene	1.788	1.397	21.9	115	0.00
89 T	n-Butylbenzene	2.939	2.388	18.7	118	0.00
90 T	Hexachloroethane	0.638	0.432	32.3#	99	0.00
91 T	1,2-Dichlorobenzene	1.621	1.312	19.1	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.156	22.8	104	0.00
93 T	1,2,4-Trichlorobenzene	1.096	0.832	24.1	113	0.00
94 T	Hexachlorobutadiene	0.507	0.288	43.2#	100	0.00
95 T	Naphthalene	2.904	2.237	23.0	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	0.735	26.9#	105	0.00

(#) = Out of Range

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