

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048252.D
 Acq On : 21 Oct 2025 08:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 04:21:20 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	116	-0.01
2 T	Dichlorodifluoromethane	0.514	0.496	3.5	119	0.00
3 P	Chloromethane	0.480	0.468	2.5	121	0.00
4 C	Vinyl Chloride	0.444	0.448	-0.9#	125	0.00
5 T	Bromomethane	0.302	0.299	1.0	123	0.00
6 T	Chloroethane	0.261	0.261	0.0	123	0.00
7 T	Trichlorofluoromethane	0.852	0.813	4.6	117	0.00
8 T	Diethyl Ether	0.240	0.225	6.2	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.513	5.0	119	0.00
10 T	Methyl Iodide	0.678	0.621	8.4	108	0.00
11 T	Tert butyl alcohol	0.070	0.048	31.4#	90	0.00
12 CM	1,1-Dichloroethene	0.525	0.498	5.1#	119	0.00
13 T	Acrolein	0.071	0.077	-8.5	138	0.00
14 T	Allyl chloride	0.872	0.795	8.8	114	0.00
15 T	Acrylonitrile	0.251	0.212	15.5	102	0.00
16 T	Acetone	0.240	0.230	4.2	132	0.00
17 T	Carbon Disulfide	1.654	1.439	13.0	116	0.00
18 T	Methyl Acetate	0.502	0.411	18.1	102	0.00
19 T	Methyl tert-butyl Ether	1.791	1.576	12.0	107	-0.01
20 T	Methylene Chloride	0.586	0.556	5.1	117	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.538	6.8	116	0.00
22 T	Diisopropyl ether	1.738	1.614	7.1	112	0.00
23 T	Vinyl Acetate	1.389	1.256	9.6	108	0.00
24 P	1,1-Dichloroethane	1.051	0.952	9.4	113	0.00
25 T	2-Butanone	0.304	0.260	14.5	107	0.00
26 T	2,2-Dichloropropane	0.949	0.853	10.1	113	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.610	9.4	113	-0.01
28 T	Bromochloromethane	0.436	0.435	0.2	114	0.00
29 T	Tetrahydrofuran	0.182	0.139	23.6	94	0.00
30 C	Chloroform	1.123	1.006	10.4#	111	0.00
31 T	Cyclohexane	0.870	0.788	9.4	111	0.00
32 T	1,1,1-Trichloroethane	1.035	0.920	11.1	110	-0.01
33 S	1,2-Dichloroethane-d4	0.701	0.658	6.1	112	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.341	0.340	0.3	116	-0.01
36 T	1,1-Dichloropropene	0.485	0.431	11.1	112	-0.01
37 T	Ethyl Acetate	0.402	0.325	19.2	99	0.00
38 T	Carbon Tetrachloride	0.599	0.533	11.0	108	0.00
39 T	Methylcyclohexane	0.573	0.510	11.0	106	0.00
40 TM	Benzene	1.409	1.280	9.2	111	-0.01
41 T	Methacrylonitrile	0.211	0.180	14.7	99	-0.01
42 TM	1,2-Dichloroethane	0.520	0.466	10.4	105	0.00
43 T	Isopropyl Acetate	0.661	0.540	18.3	96	0.00
44 TM	Trichloroethene	0.372	0.337	9.4	109	0.00
45 C	1,2-Dichloropropane	0.335	0.305	9.0#	107	0.00
46 T	Dibromomethane	0.261	0.233	10.7	106	0.00
47 T	Bromodichloromethane	0.563	0.510	9.4	107	0.00
48 T	Methyl methacrylate	0.333	0.273	18.0	95	0.00

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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)
49 T	1,4-Dioxane	0.004	0.003	25.0	87	0.00
50 S	Toluene-d8	1.196	1.150	3.8	109	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.302	20.7	90	0.00
52 CM	Toluene	0.895	0.795	11.2#	104	0.00
53 T	t-1,3-Dichloropropene	0.543	0.493	9.2	102	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.529	9.7	104	0.00
55 T	1,1,2-Trichloroethane	0.333	0.291	12.6	102	0.00
56 T	Ethyl methacrylate	0.487	0.414	15.0	95	0.00
57 T	1,3-Dichloropropane	0.568	0.497	12.5	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.223	3.9	97	0.00
59 T	2-Hexanone	0.266	0.227	14.7	96	0.00
60 T	Dibromochloromethane	0.447	0.388	13.2	103	0.00
61 T	1,2-Dibromoethane	0.355	0.307	13.5	101	0.00
62 S	4-Bromofluorobenzene	0.455	0.419	7.9	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.373	0.325	12.9	106	0.00
65 PM	Chlorobenzene	1.125	1.025	8.9	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.374	9.4	102	0.00
67 C	Ethyl Benzene	1.915	1.738	9.2#	102	0.00
68 T	m/p-Xylenes	0.712	0.666	6.5	103	0.00
69 T	o-Xylene	0.687	0.625	9.0	100	0.00
70 T	Styrene	1.170	1.107	5.4	103	0.00
71 P	Bromoform	0.330	0.283	14.2	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.652	3.379	7.5	103	0.00
74 T	N-amyl acetate	1.295	1.075	17.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	0.857	14.0	95	0.00
76 T	1,2,3-Trichloropropane	0.811	0.715	11.8	102	0.00
77 T	Bromobenzene	0.916	0.835	8.8	102	0.00
78 T	n-propylbenzene	4.228	3.953	6.5	103	0.00
79 T	2-Chlorotoluene	2.564	2.331	9.1	102	0.00
80 T	1,3,5-Trimethylbenzene	3.022	2.785	7.8	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.287	13.8	95	0.00
82 T	4-Chlorotoluene	3.043	2.798	8.1	102	0.00
83 T	tert-Butylbenzene	3.105	2.779	10.5	100	0.00
84 T	1,2,4-Trimethylbenzene	3.016	2.790	7.5	102	0.00
85 T	sec-Butylbenzene	3.736	3.345	10.5	101	0.00
86 T	p-Isopropyltoluene	3.229	2.875	11.0	101	0.00
87 T	1,3-Dichlorobenzene	1.726	1.555	9.9	105	0.00
88 T	1,4-Dichlorobenzene	1.788	1.551	13.3	103	0.00
89 T	n-Butylbenzene	2.939	2.543	13.5	101	0.00
90 T	Hexachloroethane	0.638	0.554	13.2	102	0.00
91 T	1,2-Dichlorobenzene	1.621	1.416	12.6	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.163	19.3	88	0.00
93 T	1,2,4-Trichlorobenzene	1.096	0.885	19.3	97	0.00
94 T	Hexachlorobutadiene	0.507	0.339	33.1#	95	0.00
95 T	Naphthalene	2.904	2.412	16.9	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	0.834	17.1	96	0.00

(#) = Out of Range

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