

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046804.D
 Acq On : 23 Jun 2025 09:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 24 03:58:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 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	-0.01
2 T	Dichlorodifluoromethane	0.534	0.600	-12.4	123	0.00
3 P	Chloromethane	0.576	0.638	-10.8	128	0.00
4 C	Vinyl Chloride	0.614	0.680	-10.7#	128	0.00
5 T	Bromomethane	0.346	0.403	-16.5	130	0.00
6 T	Chloroethane	0.372	0.421	-13.2	133	0.00
7 T	Trichlorofluoromethane	0.933	1.016	-8.9	125	0.00
8 T	Diethyl Ether	0.320	0.341	-6.6	126	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.572	0.624	-9.1	129	0.00
10 T	Methyl Iodide	0.642	0.693	-7.9	126	0.00
11 T	Tert butyl alcohol	0.062	0.043	30.6#	82	0.00
12 CM	1,1-Dichloroethene	0.552	0.599	-8.5#	125	0.00
13 T	Acrolein	0.090	0.125	-38.9#	171#	0.00
14 T	Allyl chloride	1.001	1.053	-5.2	125	0.00
15 T	Acrylonitrile	0.279	0.252	9.7	105	0.00
16 T	Acetone	0.231	0.211	8.7	114	0.00
17 T	Carbon Disulfide	1.668	1.680	-0.7	125	0.00
18 T	Methyl Acetate	0.586	0.514	12.3	105	0.00
19 T	Methyl tert-butyl Ether	1.720	1.647	4.2	112	0.00
20 T	Methylene Chloride	0.641	0.646	-0.8	126	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.616	-4.2	125	0.00
22 T	Diisopropyl ether	1.923	2.051	-6.7	124	0.00
23 T	Vinyl Acetate	1.529	1.511	1.2	113	0.00
24 P	1,1-Dichloroethane	1.092	1.134	-3.8	124	0.00
25 T	2-Butanone	0.326	0.263	19.3	93	0.00
26 T	2,2-Dichloropropane	0.796	0.856	-7.5	134	-0.01
27 T	cis-1,2-Dichloroethene	0.694	0.707	-1.9	123	-0.01
28 T	Bromochloromethane	0.495	0.498	-0.6	122	0.00
29 T	Tetrahydrofuran	0.211	0.175	17.1	96	-0.01
30 C	Chloroform	1.092	1.125	-3.0#	120	-0.01
31 T	Cyclohexane	1.036	1.024	1.2	120	0.00
32 T	1,1,1-Trichloroethane	0.958	0.974	-1.7	121	-0.01
33 S	1,2-Dichloroethane-d4	0.692	0.630	9.0	115	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35 S	Dibromofluoromethane	0.331	0.339	-2.4	122	0.00
36 T	1,1-Dichloropropene	0.478	0.488	-2.1	118	0.00
37 T	Ethyl Acetate	0.441	0.370	16.1	99	0.00
38 T	Carbon Tetrachloride	0.518	0.536	-3.5	120	-0.01
39 T	Methylcyclohexane	0.628	0.640	-1.9	117	0.00
40 TM	Benzene	1.413	1.471	-4.1	119	0.00
41 T	Methacrylonitrile	0.235	0.226	3.8	109	0.00
42 TM	1,2-Dichloroethane	0.497	0.497	0.0	115	0.00
43 T	Isopropyl Acetate	0.690	0.627	9.1	101	0.00
44 TM	Trichloroethene	0.360	0.372	-3.3	120	0.00
45 C	1,2-Dichloropropane	0.350	0.367	-4.9#	122	0.00
46 T	Dibromomethane	0.252	0.251	0.4	115	0.00
47 T	Bromodichloromethane	0.514	0.539	-4.9	119	0.00
48 T	Methyl methacrylate	0.346	0.319	7.8	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	88	0.00
50 S	Toluene-d8	1.189	1.177	1.0	118	0.00
51 T	4-Methyl-2-Pentanone	0.411	0.354	13.9	96	0.00
52 CM	Toluene	0.876	0.898	-2.5#	116	0.00
53 T	t-1,3-Dichloropropene	0.477	0.497	-4.2	117	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.568	-5.0	119	0.00
55 T	1,1,2-Trichloroethane	0.327	0.324	0.9	114	0.00
56 T	Ethyl methacrylate	0.482	0.456	5.4	103	0.00
57 T	1,3-Dichloropropane	0.562	0.552	1.8	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.250	0.259	-3.6	106	0.00
59 T	2-Hexanone	0.284	0.237	16.5	92	0.00
60 T	Dibromochloromethane	0.385	0.396	-2.9	117	0.00
61 T	1,2-Dibromoethane	0.332	0.322	3.0	111	0.00
62 S	4-Bromofluorobenzene	0.443	0.431	2.7	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.346	0.357	-3.2	119	0.00
65 PM	Chlorobenzene	1.104	1.136	-2.9	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.390	-5.1	118	0.00
67 C	Ethyl Benzene	1.929	1.996	-3.5#	117	0.00
68 T	m/p-Xylenes	0.719	0.747	-3.9	116	0.00
69 T	o-Xylene	0.673	0.721	-7.1	118	0.00
70 T	Styrene	1.179	1.237	-4.9	116	0.00
71 P	Bromoform	0.282	0.277	1.8	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.682	3.893	-5.7	115	0.00
74 T	N-amyl acetate	1.395	1.275	8.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.028	0.984	4.3	104	0.00
76 T	1,2,3-Trichloropropane	0.916	0.912	0.4	102	0.00
77 T	Bromobenzene	0.886	0.936	-5.6	116	0.00
78 T	n-propylbenzene	4.374	4.664	-6.6	116	0.00
79 T	2-Chlorotoluene	2.611	2.690	-3.0	115	0.00
80 T	1,3,5-Trimethylbenzene	3.026	3.191	-5.5	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.292	9.9	104	0.00
82 T	4-Chlorotoluene	3.048	3.121	-2.4	114	0.00
83 T	tert-Butylbenzene	3.128	3.264	-4.3	115	0.00
84 T	1,2,4-Trimethylbenzene	3.040	3.176	-4.5	115	0.00
85 T	sec-Butylbenzene	3.953	4.142	-4.8	114	0.00
86 T	p-Isopropyltoluene	3.336	3.463	-3.8	114	0.00
87 T	1,3-Dichlorobenzene	1.728	1.724	0.2	113	0.00
88 T	1,4-Dichlorobenzene	1.775	1.715	3.4	114	0.00
89 T	n-Butylbenzene	3.167	3.283	-3.7	115	0.00
90 T	Hexachloroethane	0.584	0.609	-4.3	115	0.00
91 T	1,2-Dichlorobenzene	1.615	1.637	-1.4	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.203	0.170	16.3	89	0.00
93 T	1,2,4-Trichlorobenzene	1.148	1.160	-1.0	114	0.00
94 T	Hexachlorobutadiene	0.483	0.483	0.0	111	0.00
95 T	Naphthalene	3.270	3.002	8.2	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.098	1.090	0.7	111	0.00

(#) = Out of Range

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