

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046673.D
 Acq On : 12 Jun 2025 18:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 13 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 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	80	0.00
2 T	Dichlorodifluoromethane	0.694	0.624	10.1	77	0.00
3 P	Chloromethane	0.632	0.568	10.1	79	0.00
4 C	Vinyl Chloride	0.630	0.542	14.0#	73	0.00
5 T	Bromomethane	0.382	0.274	28.3#	55	0.00
6 T	Chloroethane	0.409	0.330	19.3	70	0.00
7 T	Trichlorofluoromethane	1.042	0.957	8.2	75	0.00
8 T	Diethyl Ether	0.368	0.360	2.2	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.657	0.670	-2.0	84	0.00
10 T	Methyl Iodide	0.712	0.610	14.3	68	0.00
11 T	Tert butyl alcohol	0.099	0.128	-29.3#	104	0.00
12 CM	1,1-Dichloroethene	0.594	0.607	-2.2#	85	0.00
13 T	Acrolein	0.103	0.188	-82.5#	133	0.00
14 T	Allyl chloride	1.166	1.181	-1.3	83	0.00
15 T	Acrylonitrile	0.373	0.456	-22.3	96	0.00
16 T	Acetone	0.381	0.377	1.0	88	0.00
17 T	Carbon Disulfide	1.481	1.126	24.0	74	0.00
18 T	Methyl Acetate	1.060	1.406	-32.6#	99	0.00
19 T	Methyl tert-butyl Ether	2.077	2.355	-13.4	89	0.00
20 T	Methylene Chloride	0.714	0.741	-3.8	89	0.00
21 T	trans-1,2-Dichloroethene	0.628	0.626	0.3	86	0.00
22 T	Diisopropyl ether	2.298	2.535	-10.3	86	0.00
23 T	Vinyl Acetate	1.775	2.019	-13.7	88	0.00
24 P	1,1-Dichloroethane	1.281	1.347	-5.2	85	0.00
25 T	2-Butanone	0.495	0.610	-23.2	97	0.00
26 T	2,2-Dichloropropane	0.951	0.907	4.6	75	0.00
27 T	cis-1,2-Dichloroethene	0.773	0.829	-7.2	89	0.00
28 T	Bromochloromethane	0.611	0.679	-11.1	92	0.00
29 T	Tetrahydrofuran	0.313	0.385	-23.0	97	0.00
30 C	Chloroform	1.342	1.440	-7.3#	87	0.00
31 T	Cyclohexane	1.034	1.005	2.8	81	0.00
32 T	1,1,1-Trichloroethane	1.148	1.216	-5.9	85	0.00
33 S	1,2-Dichloroethane-d4	0.890	0.799	10.2	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.368	0.381	-3.5	82	0.00
36 T	1,1-Dichloropropene	0.525	0.504	4.0	82	0.00
37 T	Ethyl Acetate	0.513	0.668	-30.2#	95	0.00
38 T	Carbon Tetrachloride	0.588	0.600	-2.0	84	0.00
39 T	Methylcyclohexane	0.620	0.593	4.4	82	0.00
40 TM	Benzene	1.479	1.588	-7.4	88	0.00
41 T	Methacrylonitrile	0.318	0.379	-19.2	93	0.00
42 TM	1,2-Dichloroethane	0.615	0.621	-1.0	80	0.00
43 T	Isopropyl Acetate	0.894	1.062	-18.8	91	0.00
44 TM	Trichloroethene	0.376	0.390	-3.7	88	0.00
45 C	1,2-Dichloropropane	0.382	0.427	-11.8#	89	0.00
46 T	Dibromomethane	0.287	0.315	-9.8	89	0.00
47 T	Bromodichloromethane	0.590	0.662	-12.2	87	0.00
48 T	Methyl methacrylate	0.460	0.545	-18.5	90	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.008	-33.3#	106	0.00
50 S	Toluene-d8	1.212	1.218	-0.5	81	0.00
51 T	4-Methyl-2-Pentanone	0.568	0.722	-27.1#	96	0.00
52 CM	Toluene	0.908	1.016	-11.9#	91	0.00
53 T	t-1,3-Dichloropropene	0.529	0.600	-13.4	87	0.00
54 T	cis-1,3-Dichloropropene	0.589	0.654	-11.0	88	0.00
55 T	1,1,2-Trichloroethane	0.365	0.438	-20.0	95	0.00
56 T	Ethyl methacrylate	0.561	0.699	-24.6	95	0.00
57 T	1,3-Dichloropropane	0.644	0.726	-12.7	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.306	0.384	-25.5#	96	0.00
59 T	2-Hexanone	0.407	0.531	-30.5#	98	0.00
60 T	Dibromochloromethane	0.429	0.508	-18.4	93	0.00
61 T	1,2-Dibromoethane	0.380	0.430	-13.2	92	0.00
62 S	4-Bromofluorobenzene	0.502	0.523	-4.2	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.334	0.349	-4.5	91	0.00
65 PM	Chlorobenzene	1.176	1.287	-9.4	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.470	-18.4	94	0.00
67 C	Ethyl Benzene	2.053	2.222	-8.2#	89	0.00
68 T	m/p-Xylenes	0.745	0.837	-12.3	92	0.00
69 T	o-Xylene	0.720	0.824	-14.4	93	0.00
70 T	Styrene	1.233	1.462	-18.6	94	0.00
71 P	Bromoform	0.303	0.379	-25.1#	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.930	4.242	-7.9	91	0.00
74 T	N-amyl acetate	1.731	2.028	-17.2	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.258	1.495	-18.8	100	0.00
76 T	1,2,3-Trichloropropane	1.059	1.213	-14.5	97	0.00
77 T	Bromobenzene	0.912	0.999	-9.5	95	0.00
78 T	n-propylbenzene	4.757	5.037	-5.9	90	0.00
79 T	2-Chlorotoluene	2.869	3.024	-5.4	91	0.00
80 T	1,3,5-Trimethylbenzene	3.275	3.503	-7.0	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.367	0.430	-17.2	98	0.00
82 T	4-Chlorotoluene	3.400	3.589	-5.6	92	0.00
83 T	tert-Butylbenzene	3.334	3.645	-9.3	93	0.00
84 T	1,2,4-Trimethylbenzene	3.313	3.597	-8.6	93	0.00
85 T	sec-Butylbenzene	4.284	4.614	-7.7	93	0.00
86 T	p-Isopropyltoluene	3.572	3.819	-6.9	92	0.00
87 T	1,3-Dichlorobenzene	1.772	1.900	-7.2	95	0.00
88 T	1,4-Dichlorobenzene	1.836	1.925	-4.8	97	0.00
89 T	n-Butylbenzene	3.507	3.629	-3.5	91	0.00
90 T	Hexachloroethane	0.635	0.667	-5.0	92	0.00
91 T	1,2-Dichlorobenzene	1.710	1.875	-9.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.282	0.347	-23.0	102	0.00
93 T	1,2,4-Trichlorobenzene	1.167	1.250	-7.1	98	0.00
94 T	Hexachlorobutadiene	0.542	0.533	1.7	90	0.00
95 T	Naphthalene	3.699	4.452	-20.4	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.170	1.267	-8.3	98	0.00

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