

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046842.D
 Acq On : 30 Jun 2025 16:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 01 05:32:33 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	115	0.00
2 T	Dichlorodifluoromethane	0.534	0.486	9.0	96	0.00
3 P	Chloromethane	0.576	0.513	10.9	99	0.00
4 C	Vinyl Chloride	0.614	0.553	9.9#	100	0.00
5 T	Bromomethane	0.346	0.359	-3.8	112	0.00
6 T	Chloroethane	0.372	0.345	7.3	105	0.00
7 T	Trichlorofluoromethane	0.933	0.859	7.9	102	0.00
8 T	Diethyl Ether	0.320	0.299	6.6	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.572	0.550	3.8	110	0.00
10 T	Methyl Iodide	0.642	0.576	10.3	101	0.00
11 T	Tert butyl alcohol	0.062	0.047	24.2	87	0.00
12 CM	1,1-Dichloroethene	0.552	0.524	5.1#	106	0.00
13 T	Acrolein	0.090	0.087	3.3	115	0.00
14 T	Allyl chloride	1.001	0.918	8.3	106	0.00
15 T	Acrylonitrile	0.279	0.252	9.7	102	0.00
16 T	Acetone	0.231	0.205	11.3	107	0.00
17 T	Carbon Disulfide	1.668	1.329	20.3	95	0.00
18 T	Methyl Acetate	0.586	0.562	4.1	111	0.00
19 T	Methyl tert-butyl Ether	1.720	1.535	10.8	101	0.00
20 T	Methylene Chloride	0.641	0.576	10.1	108	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.539	8.8	105	0.00
22 T	Diisopropyl ether	1.923	1.864	3.1	109	0.00
23 T	Vinyl Acetate	1.529	1.426	6.7	103	0.00
24 P	1,1-Dichloroethane	1.092	1.020	6.6	108	0.00
25 T	2-Butanone	0.326	0.287	12.0	98	0.00
26 T	2,2-Dichloropropane	0.796	0.749	5.9	113	0.00
27 T	cis-1,2-Dichloroethene	0.694	0.644	7.2	108	0.00
28 T	Bromochloromethane	0.495	0.468	5.5	111	-0.01
29 T	Tetrahydrofuran	0.211	0.184	12.8	98	0.00
30 C	Chloroform	1.092	1.042	4.6#	107	0.00
31 T	Cyclohexane	1.036	0.910	12.2	103	0.00
32 T	1,1,1-Trichloroethane	0.958	0.855	10.8	103	0.00
33 S	1,2-Dichloroethane-d4	0.692	0.596	13.9	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.331	0.310	6.3	108	0.00
36 T	1,1-Dichloropropene	0.478	0.445	6.9	105	0.00
37 T	Ethyl Acetate	0.441	0.374	15.2	97	0.00
38 T	Carbon Tetrachloride	0.518	0.463	10.6	101	0.00
39 T	Methylcyclohexane	0.628	0.571	9.1	102	0.00
40 TM	Benzene	1.413	1.341	5.1	106	0.00
41 T	Methacrylonitrile	0.235	0.230	2.1	108	0.00
42 TM	1,2-Dichloroethane	0.497	0.454	8.7	103	0.00
43 T	Isopropyl Acetate	0.690	0.633	8.3	99	0.00
44 TM	Trichloroethene	0.360	0.340	5.6	107	0.00
45 C	1,2-Dichloropropane	0.350	0.335	4.3#	109	0.00
46 T	Dibromomethane	0.252	0.233	7.5	104	0.00
47 T	Bromodichloromethane	0.514	0.494	3.9	106	0.00
48 T	Methyl methacrylate	0.346	0.327	5.5	99	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	0.004	0.004	0.0	95	0.00
50 S	Toluene-d8	1.189	1.108	6.8	109	0.00
51 T	4-Methyl-2-Pentanone	0.411	0.375	8.8	99	0.00
52 CM	Toluene	0.876	0.833	4.9#	105	0.00
53 T	t-1,3-Dichloropropene	0.477	0.456	4.4	105	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.517	4.4	106	0.00
55 T	1,1,2-Trichloroethane	0.327	0.314	4.0	108	0.00
56 T	Ethyl methacrylate	0.482	0.460	4.6	102	0.00
57 T	1,3-Dichloropropane	0.562	0.534	5.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.250	0.254	-1.6	101	0.00
59 T	2-Hexanone	0.284	0.258	9.2	97	0.00
60 T	Dibromochloromethane	0.385	0.364	5.5	105	0.00
61 T	1,2-Dibromoethane	0.332	0.313	5.7	105	0.00
62 S	4-Bromofluorobenzene	0.443	0.413	6.8	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.346	0.318	8.1	106	0.00
65 PM	Chlorobenzene	1.104	1.043	5.5	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.352	5.1	107	0.00
67 C	Ethyl Benzene	1.929	1.816	5.9#	107	0.00
68 T	m/p-Xylenes	0.719	0.685	4.7	107	0.00
69 T	o-Xylene	0.673	0.659	2.1	108	0.00
70 T	Styrene	1.179	1.147	2.7	108	0.00
71 P	Bromoform	0.282	0.265	6.0	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	3.682	3.487	5.3	107	0.00
74 T	N-amyl acetate	1.395	1.276	8.5	99	0.00
75 P	1,1,2,2-Tetrachloroethane	1.028	0.950	7.6	104	0.00
76 T	1,2,3-Trichloropropane	0.916	0.782	14.6	90	0.00
77 T	Bromobenzene	0.886	0.836	5.6	107	0.00
78 T	n-propylbenzene	4.374	4.139	5.4	107	0.00
79 T	2-Chlorotoluene	2.611	2.410	7.7	107	0.00
80 T	1,3,5-Trimethylbenzene	3.026	2.845	6.0	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.293	9.6	108	0.00
82 T	4-Chlorotoluene	3.048	2.822	7.4	107	0.00
83 T	tert-Butylbenzene	3.128	2.912	6.9	107	0.00
84 T	1,2,4-Trimethylbenzene	3.040	2.878	5.3	108	0.00
85 T	sec-Butylbenzene	3.953	3.677	7.0	105	0.00
86 T	p-Isopropyltoluene	3.336	3.105	6.9	106	0.00
87 T	1,3-Dichlorobenzene	1.728	1.572	9.0	107	0.00
88 T	1,4-Dichlorobenzene	1.775	1.575	11.3	109	0.00
89 T	n-Butylbenzene	3.167	2.895	8.6	105	0.00
90 T	Hexachloroethane	0.584	0.521	10.8	102	0.00
91 T	1,2-Dichlorobenzene	1.615	1.486	8.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.203	0.170	16.3	92	0.00
93 T	1,2,4-Trichlorobenzene	1.148	1.032	10.1	105	0.00
94 T	Hexachlorobutadiene	0.483	0.407	15.7	97	0.00
95 T	Naphthalene	3.270	2.971	9.1	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.098	1.004	8.6	106	0.00

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