

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047371.D
 Acq On : 18 Aug 2025 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 19 01:36:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 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	113	-0.01
2 T	Dichlorodifluoromethane	0.637	0.681	-6.9	105	0.00
3 P	Chloromethane	0.573	0.638	-11.3	116	0.00
4 C	Vinyl Chloride	0.720	0.719	0.1#	101	0.00
5 T	Bromomethane	0.291	0.248	14.8	83	0.00
6 T	Chloroethane	0.440	0.451	-2.5	110	0.00
7 T	Trichlorofluoromethane	1.065	1.060	0.5	101	0.00
8 T	Diethyl Ether	0.375	0.366	2.4	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.618	0.631	-2.1	102	0.00
10 T	Methyl Iodide	1.058	0.854	19.3	83	0.00
11 T	Tert butyl alcohol	0.061	0.059	3.3	98	0.00
12 CM	1,1-Dichloroethene	0.630	0.616	2.2#	100	0.00
13 T	Acrolein	0.129	0.072	44.2#	62	0.00
14 T	Allyl chloride	1.093	1.015	7.1	95	0.00
15 T	Acrylonitrile	0.294	0.290	1.4	96	0.00
16 T	Acetone	0.263	0.254	3.4	102	0.00
17 T	Carbon Disulfide	1.900	1.913	-0.7	108	0.00
18 T	Methyl Acetate	0.682	0.672	1.5	99	0.00
19 T	Methyl tert-butyl Ether	1.915	1.840	3.9	95	0.00
20 T	Methylene Chloride	0.697	0.657	5.7	98	0.00
21 T	trans-1,2-Dichloroethene	0.668	0.633	5.2	98	0.00
22 T	Diisopropyl ether	2.161	2.100	2.8	96	0.00
23 T	Vinyl Acetate	1.772	1.712	3.4	95	0.00
24 P	1,1-Dichloroethane	1.222	1.177	3.7	98	0.00
25 T	2-Butanone	0.344	0.330	4.1	96	0.00
26 T	2,2-Dichloropropane	0.922	0.866	6.1	96	0.00
27 T	cis-1,2-Dichloroethene	0.778	0.726	6.7	97	0.00
28 T	Bromochloromethane	0.508	0.536	-5.5	112	0.00
29 T	Tetrahydrofuran	0.223	0.205	8.1	94	0.00
30 C	Chloroform	1.247	1.170	6.2#	97	0.00
31 T	Cyclohexane	1.126	1.041	7.5	97	0.00
32 T	1,1,1-Trichloroethane	1.073	1.024	4.6	97	0.00
33 S	1,2-Dichloroethane-d4	0.700	0.690	1.4	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35 S	Dibromofluoromethane	0.325	0.336	-3.4	111	0.00
36 T	1,1-Dichloropropene	0.512	0.487	4.9	95	0.00
37 T	Ethyl Acetate	0.532	0.522	1.9	97	0.00
38 T	Carbon Tetrachloride	0.560	0.548	2.1	99	0.00
39 T	Methylcyclohexane	0.639	0.604	5.5	95	0.00
40 TM	Benzene	1.533	1.469	4.2	95	0.00
41 T	Methacrylonitrile	0.224	0.216	3.6	92	0.00
42 TM	1,2-Dichloroethane	0.543	0.515	5.2	94	0.00
43 T	Isopropyl Acetate	0.764	0.727	4.8	92	0.00
44 TM	Trichloroethene	0.393	0.366	6.9	93	0.00
45 C	1,2-Dichloropropane	0.384	0.368	4.2#	96	0.00
46 T	Dibromomethane	0.279	0.265	5.0	96	0.00
47 T	Bromodichloromethane	0.578	0.557	3.6	96	0.00
48 T	Methyl methacrylate	0.397	0.374	5.8	92	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	96	0.00
50 S	Toluene-d8	1.160	1.149	0.9	108	0.00
51 T	4-Methyl-2-Pentanone	0.440	0.428	2.7	92	0.00
52 CM	Toluene	0.947	0.900	5.0#	93	0.00
53 T	t-1,3-Dichloropropene	0.505	0.497	1.6	93	0.00
54 T	cis-1,3-Dichloropropene	0.571	0.550	3.7	94	0.00
55 T	1,1,2-Trichloroethane	0.360	0.340	5.6	94	0.00
56 T	Ethyl methacrylate	0.530	0.506	4.5	90	0.00
57 T	1,3-Dichloropropane	0.613	0.575	6.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.232	-10.0	93	0.00
59 T	2-Hexanone	0.304	0.290	4.6	92	0.00
60 T	Dibromochloromethane	0.428	0.406	5.1	96	0.00
61 T	1,2-Dibromoethane	0.371	0.344	7.3	92	0.00
62 S	4-Bromofluorobenzene	0.428	0.424	0.9	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.362	0.349	3.6	94	0.00
65 PM	Chlorobenzene	1.188	1.129	5.0	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.389	3.2	94	0.00
67 C	Ethyl Benzene	2.045	1.968	3.8#	93	0.00
68 T	m/p-Xylenes	0.763	0.735	3.7	92	0.00
69 T	o-Xylene	0.734	0.708	3.5	93	0.00
70 T	Styrene	1.240	1.227	1.0	93	0.00
71 P	Bromoform	0.302	0.297	1.7	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.913	3.805	2.8	93	0.00
74 T	N-amyl acetate	1.486	1.465	1.4	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.149	1.100	4.3	93	0.00
76 T	1,2,3-Trichloropropane	0.917	0.852	7.1	90	0.00
77 T	Bromobenzene	0.955	0.903	5.4	92	0.00
78 T	n-propylbenzene	4.673	4.569	2.2	95	0.00
79 T	2-Chlorotoluene	2.825	2.650	6.2	92	0.00
80 T	1,3,5-Trimethylbenzene	3.219	3.106	3.5	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.129	27.5#	70	0.00
82 T	4-Chlorotoluene	3.330	3.142	5.6	93	0.00
83 T	tert-Butylbenzene	3.212	3.139	2.3	93	0.00
84 T	1,2,4-Trimethylbenzene	3.219	3.115	3.2	92	0.00
85 T	sec-Butylbenzene	3.981	3.865	2.9	94	0.00
86 T	p-Isopropyltoluene	3.369	3.254	3.4	94	0.00
87 T	1,3-Dichlorobenzene	1.825	1.709	6.4	92	0.00
88 T	1,4-Dichlorobenzene	1.877	1.719	8.4	93	0.00
89 T	n-Butylbenzene	3.133	2.995	4.4	93	0.00
90 T	Hexachloroethane	0.591	0.573	3.0	94	0.00
91 T	1,2-Dichlorobenzene	1.733	1.636	5.6	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.222	0.210	5.4	91	0.00
93 T	1,2,4-Trichlorobenzene	1.161	1.067	8.1	93	0.00
94 T	Hexachlorobutadiene	0.413	0.343	16.9	91	0.00
95 T	Naphthalene	3.319	3.183	4.1	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.095	1.029	6.0	94	0.00

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