

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088171.D
 Acq On : 29 Oct 2025 18:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:12:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 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	97	0.00
2 T	Dichlorodifluoromethane	0.564	0.474	16.0	100	0.00
3 P	Chloromethane	0.664	0.597	10.1	111	0.00
4 C	Vinyl Chloride	0.723	0.646	10.7#	108	0.00
5 T	Bromomethane	0.432	0.366	15.3	104	0.00
6 T	Chloroethane	0.521	0.438	15.9	103	0.00
7 T	Trichlorofluoromethane	1.153	0.946	18.0	96	0.00
8 T	Diethyl Ether	0.429	0.425	0.9	128	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.511	14.1	104	0.00
10 T	Methyl Iodide	0.544	0.521	4.2	110	0.00
11 T	Tert butyl alcohol	0.149	0.145	2.7	122	0.00
12 CM	1,1-Dichloroethene	0.628	0.531	15.4#	111	0.00
13 T	Acrolein	0.168	0.217	-29.2#	169#	0.00
14 T	Allyl chloride	1.102	1.061	3.7	126	0.01
15 T	Acrylonitrile	0.406	0.423	-4.2	126	0.00
16 T	Acetone	0.434	0.379	12.7	115	0.00
17 T	Carbon Disulfide	1.910	1.548	19.0	101	0.00
18 T	Methyl Acetate	0.889	0.954	-7.3	134	0.00
19 T	Methyl tert-butyl Ether	2.308	2.452	-6.2	132	0.00
20 T	Methylene Chloride	0.729	0.691	5.2	124	0.00
21 T	trans-1,2-Dichloroethene	0.690	0.620	10.1	112	0.00
22 T	Diisopropyl ether	2.317	2.436	-5.1	125	0.00
23 T	Vinyl Acetate	2.087	2.238	-7.2	125	0.00
24 P	1,1-Dichloroethane	1.283	1.298	-1.2	122	0.00
25 T	2-Butanone	0.572	0.580	-1.4	121	0.00
26 T	2,2-Dichloropropane	1.166	1.014	13.0	107	0.00
27 T	cis-1,2-Dichloroethene	0.794	0.786	1.0	121	0.00
28 T	Bromochloromethane	0.606	0.544	10.2	89	0.00
29 T	Tetrahydrofuran	0.373	0.378	-1.3	123	0.00
30 C	Chloroform	1.282	1.331	-3.8#	124	0.00
31 T	Cyclohexane	1.210	1.006	16.9	101	0.00
32 T	1,1,1-Trichloroethane	1.142	1.091	4.5	116	0.00
33 S	1,2-Dichloroethane-d4	0.865	0.808	6.6	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.336	0.287	14.6	90	0.00
36 T	1,1-Dichloropropene	0.490	0.467	4.7	114	0.00
37 T	Ethyl Acetate	0.633	0.638	-0.8	129	0.00
38 T	Carbon Tetrachloride	0.507	0.463	8.7	110	0.00
39 T	Methylcyclohexane	0.630	0.462	26.7#	87	0.00
40 TM	Benzene	1.494	1.456	2.5	119	0.00
41 T	Methacrylonitrile	0.333	0.335	-0.6	123	0.00
42 TM	1,2-Dichloroethane	0.531	0.581	-9.4	132	0.00
43 T	Isopropyl Acetate	0.973	1.020	-4.8	125	0.00
44 TM	Trichloroethene	0.349	0.325	6.9	114	0.00
45 C	1,2-Dichloropropane	0.377	0.378	-0.3#	122	0.00
46 T	Dibromomethane	0.269	0.271	-0.7	123	0.00
47 T	Bromodichloromethane	0.538	0.551	-2.4	125	0.00
48 T	Methyl methacrylate	0.449	0.490	-9.1	130	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.005	16.7	116	0.00
50 S	Toluene-d8	1.294	1.076	16.8	87	0.00
51 T	4-Methyl-2-Pentanone	0.575	0.620	-7.8	127	0.00
52 CM	Toluene	0.921	0.894	2.9#	117	0.00
53 T	t-1,3-Dichloropropene	0.573	0.590	-3.0	122	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.626	-3.0	124	0.00
55 T	1,1,2-Trichloroethane	0.349	0.353	-1.1	124	0.00
56 T	Ethyl methacrylate	0.553	0.625	-13.0	130	0.00
57 T	1,3-Dichloropropane	0.614	0.645	-5.0	126	0.00
58 T	2-Chloroethyl Vinyl ether	0.288	0.340	-18.1	138	0.00
59 T	2-Hexanone	0.382	0.430	-12.6	128	0.00
60 T	Dibromochloromethane	0.397	0.393	1.0	119	0.00
61 T	1,2-Dibromoethane	0.360	0.360	0.0	123	0.00
62 S	4-Bromofluorobenzene	0.457	0.414	9.4	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.330	0.286	13.3	111	0.00
65 PM	Chlorobenzene	1.135	1.075	5.3	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.366	1.6	118	0.00
67 C	Ethyl Benzene	1.993	1.914	4.0#	116	0.00
68 T	m/p-Xylenes	0.747	0.711	4.8	112	0.00
69 T	o-Xylene	0.708	0.702	0.8	116	0.00
70 T	Styrene	1.154	1.210	-4.9	120	0.00
71 P	Bromoform	0.278	0.279	-0.4	120	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.856	3.647	5.4	111	0.00
74 T	N-amyl acetate	1.095	0.877	19.9	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.201	1.207	-0.5	122	0.00
76 T	1,2,3-Trichloropropane	1.143	1.156	-1.1	120	0.00
77 T	Bromobenzene	0.832	0.856	-2.9	121	0.00
78 T	n-propylbenzene	4.706	4.310	8.4	106	0.00
79 T	2-Chlorotoluene	2.684	2.749	-2.4	119	0.00
80 T	1,3,5-Trimethylbenzene	3.203	3.074	4.0	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.410	0.379	7.6	116	0.00
82 T	4-Chlorotoluene	2.904	2.871	1.1	119	0.00
83 T	tert-Butylbenzene	2.861	2.529	11.6	104	0.00
84 T	1,2,4-Trimethylbenzene	3.204	3.145	1.8	113	0.00
85 T	sec-Butylbenzene	4.203	3.445	18.0	96	0.00
86 T	p-Isopropyltoluene	3.372	2.891	14.3	98	0.00
87 T	1,3-Dichlorobenzene	1.660	1.623	2.2	114	0.00
88 T	1,4-Dichlorobenzene	1.783	1.650	7.5	114	0.00
89 T	n-Butylbenzene	3.340	2.658	20.4	91	0.00
90 T	Hexachloroethane	0.653	0.514	21.3	93	0.00
91 T	1,2-Dichlorobenzene	1.600	1.558	2.6	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.288	-3.2	130	0.00
93 T	1,2,4-Trichlorobenzene	0.969	0.829	14.4	102	0.00
94 T	Hexachlorobutadiene	0.361	0.241	33.2#	80	0.00
95 T	Naphthalene	3.320	3.253	2.0	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.784	15.6	103	0.00

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