

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086329.D
 Acq On : 17 Apr 2025 18:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 18 01:33:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 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	60	0.00
2 T	Dichlorodifluoromethane	0.593	0.517	12.8	53	0.00
3 P	Chloromethane	0.861	0.743	13.7	59	0.00
4 C	Vinyl Chloride	0.822	0.685	16.7#	52	0.00
5 T	Bromomethane	0.370	0.352	4.9	60	0.00
6 T	Chloroethane	0.550	0.447	18.7	54	0.00
7 T	Trichlorofluoromethane	0.911	0.779	14.5	54	0.00
8 T	Diethyl Ether	0.398	0.328	17.6	53	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.461	16.3	53	0.00
10 T	Methyl Iodide	0.606	0.601	0.8	61	0.00
11 T	Tert butyl alcohol	0.132	0.105	20.5	51	0.00
12 CM	1,1-Dichloroethene	0.588	0.494	16.0#	54	0.00
13 T	Acrolein	0.075	0.059	21.3	59	0.00
14 T	Allyl chloride	1.046	0.811	22.5	53	0.00
15 T	Acrylonitrile	0.327	0.279	14.7	53	0.00
16 T	Acetone	0.290	0.217	25.2#	52	0.00
17 T	Carbon Disulfide	1.762	1.370	22.2	53	0.00
18 T	Methyl Acetate	0.870	0.680	21.8	53	0.00
19 T	Methyl tert-butyl Ether	2.163	1.730	20.0	52	0.00
20 T	Methylene Chloride	0.670	0.581	13.3	57	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.524	14.8	55	0.00
22 T	Diisopropyl ether	2.276	1.731	23.9	49#	0.00
23 T	Vinyl Acetate	1.591	1.401	11.9	57	0.00
24 P	1,1-Dichloroethane	1.201	0.993	17.3	53	0.00
25 T	2-Butanone	0.451	0.359	20.4	51	0.00
26 T	2,2-Dichloropropane	1.075	0.838	22.0	51	0.00
27 T	cis-1,2-Dichloroethene	0.764	0.646	15.4	55	0.00
28 T	Bromochloromethane	0.509	0.442	13.2	54	0.00
29 T	Tetrahydrofuran	0.302	0.232	23.2	50#	0.00
30 C	Chloroform	1.180	0.998	15.4#	55	0.00
31 T	Cyclohexane	1.175	0.890	24.3	50	0.00
32 T	1,1,1-Trichloroethane	1.009	0.846	16.2	54	0.00
33 S	1,2-Dichloroethane-d4	0.725	0.742	-2.3	62	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.232	0.243	-4.7	69	0.00
36 T	1,1-Dichloropropene	0.463	0.380	17.9	52	0.00
37 T	Ethyl Acetate	0.488	0.374	23.4	51	0.00
38 T	Carbon Tetrachloride	0.441	0.374	15.2	54	0.00
39 T	Methylcyclohexane	0.551	0.440	20.1	51	0.00
40 TM	Benzene	1.485	1.232	17.0	53	0.00
41 T	Methacrylonitrile	0.283	0.224	20.8	52	0.00
42 TM	1,2-Dichloroethane	0.474	0.399	15.8	55	0.00
43 T	Isopropyl Acetate	1.177	0.690	41.4#	49#	0.00
44 TM	Trichloroethene	0.352	0.299	15.1	54	0.00
45 C	1,2-Dichloropropane	0.364	0.295	19.0#	51	0.00
46 T	Dibromomethane	0.232	0.203	12.5	55	0.00
47 T	Bromodichloromethane	0.500	0.420	16.0	54	0.00
48 T	Methyl methacrylate	0.429	0.325	24.2	50	0.00

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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)
49 T	1,4-Dioxane	0.007	0.006	14.3	58	0.00
50 S	Toluene-d8	1.240	1.251	-0.9	61	0.00
51 T	4-Methyl-2-Pentanone	0.500	0.389	22.2	49#	0.00
52 CM	Toluene	0.927	0.778	16.1#	53	0.00
53 T	t-1,3-Dichloropropene	0.558	0.465	16.7	52	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.494	19.4	52	0.00
55 T	1,1,2-Trichloroethane	0.333	0.283	15.0	54	0.00
56 T	Ethyl methacrylate	0.613	0.493	19.6	52	0.00
57 T	1,3-Dichloropropane	0.592	0.501	15.4	54	0.00
58 T	2-Chloroethyl Vinyl ether	0.291	0.170	41.6#	36#	0.00
59 T	2-Hexanone	0.371	0.289	22.1	50#	0.00
60 T	Dibromochloromethane	0.366	0.308	15.8	53	0.00
61 T	1,2-Dibromoethane	0.336	0.292	13.1	55	0.00
62 S	4-Bromofluorobenzene	0.452	0.464	-2.7	62	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
64 T	Tetrachloroethene	0.385	0.340	11.7	56	0.00
65 PM	Chlorobenzene	1.116	0.937	16.0	54	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.316	14.1	55	0.00
67 C	Ethyl Benzene	2.014	1.683	16.4#	53	0.00
68 T	m/p-Xylenes	0.754	0.638	15.4	53	0.00
69 T	o-Xylene	0.746	0.639	14.3	54	0.00
70 T	Styrene	1.243	1.073	13.7	53	0.00
71 P	Bromoform	0.277	0.231	16.6	54	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	4.090	3.303	19.2	53	0.00
74 T	N-amyl acetate	2.036	1.386	31.9#	47#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.176	0.933	20.7	54	0.00
76 T	1,2,3-Trichloropropane	1.180	1.026	13.1	59	0.00
77 T	Bromobenzene	0.906	0.781	13.8	55	0.00
78 T	n-propylbenzene	4.820	3.892	19.3	52	0.00
79 T	2-Chlorotoluene	3.016	2.476	17.9	54	0.00
80 T	1,3,5-Trimethylbenzene	3.348	2.728	18.5	53	0.00
81 T	trans-1,4-Dichloro-2-butene	0.491	0.420	14.5	54	0.00
82 T	4-Chlorotoluene	2.996	2.461	17.9	52	0.00
83 T	tert-Butylbenzene	2.901	2.327	19.8	53	0.00
84 T	1,2,4-Trimethylbenzene	3.408	2.773	18.6	52	0.00
85 T	sec-Butylbenzene	4.023	3.237	19.5	51	0.00
86 T	p-Isopropyltoluene	3.316	2.691	18.8	51	0.00
87 T	1,3-Dichlorobenzene	1.704	1.454	14.7	54	0.00
88 T	1,4-Dichlorobenzene	1.716	1.434	16.4	53	0.00
89 T	n-Butylbenzene	2.939	2.313	21.3	49#	0.00
90 T	Hexachloroethane	0.558	0.432	22.6	50#	0.00
91 T	1,2-Dichlorobenzene	1.652	1.395	15.6	54	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.237	0.182	23.2	49#	0.00
93 T	1,2,4-Trichlorobenzene	0.791	0.621	21.5	49#	0.00
94 T	Hexachlorobutadiene	0.299	0.233	22.1	50#	0.00
95 T	Naphthalene	2.804	2.249	19.8	50	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.582	22.3	49#	0.00

(#) = Out of Range

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