

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080591.D
 Acq On : 21 Dec 2023 22:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 04:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 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	117	0.00
2 T	Dichlorodifluoromethane	0.639	0.605	5.3	113	0.00
3 P	Chloromethane	0.759	0.622	18.1	107	0.00
4 C	Vinyl Chloride	0.546	0.611	-11.9#	132	0.00
5 T	Bromomethane	0.246	0.203	17.5	103	0.00
6 T	Chloroethane	0.351	0.385	-9.7	137	0.00
7 T	Trichlorofluoromethane	1.107	1.001	9.6	109	0.00
8 T	Diethyl Ether	0.349	0.367	-5.2	127	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.525	0.517	1.5	114	0.00
10 T	Methyl Iodide	0.461	0.286	38.0#	68	0.00
11 T	Tert butyl alcohol	0.075	0.081	-8.0	125	0.00
12 CM	1,1-Dichloroethene	0.538	0.539	-0.2#	122	0.00
13 T	Acrolein	0.082	0.110	-34.1#	171#	0.00
14 T	Allyl chloride	0.665	0.741	-11.4	134	0.00
15 T	Acrylonitrile	0.213	0.265	-24.4	145	0.00
16 T	Acetone	0.113	0.172	-52.2#	149	0.00
17 T	Carbon Disulfide	1.523	1.402	7.9	113	0.00
18 T	Methyl Acetate	0.729	1.025	-40.6#	164#	0.00
19 T	Methyl tert-butyl Ether	1.793	1.891	-5.5	123	0.00
20 T	Methylene Chloride	0.606	0.625	-3.1	126	0.00
21 T	trans-1,2-Dichloroethene	0.583	0.587	-0.7	122	0.01
22 T	Diisopropyl ether	1.435	1.800	-25.4#	146	0.00
23 T	Vinyl Acetate	0.824	0.939	-14.0	132	0.00
24 P	1,1-Dichloroethane	1.001	1.124	-12.3	132	0.00
25 T	2-Butanone	0.218	0.299	-37.2#	153#	0.00
26 T	2,2-Dichloropropane	1.024	0.890	13.1	103	0.00
27 T	cis-1,2-Dichloroethene	0.660	0.714	-8.2	127	0.00
28 T	Bromochloromethane	0.384	0.449	-16.9	137	0.00
29 T	Tetrahydrofuran	0.156	0.204	-30.8#	154#	0.00
30 C	Chloroform	1.112	1.175	-5.7#	123	0.00
31 T	Cyclohexane	0.868	0.846	2.5	123	0.00
32 T	1,1,1-Trichloroethane	1.088	1.047	3.8	112	0.00
33 S	1,2-Dichloroethane-d4	0.639	0.617	3.4	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	127	0.00
35 S	Dibromofluoromethane	0.317	0.307	3.2	112	0.00
36 T	1,1-Dichloropropene	0.518	0.500	3.5	121	0.00
37 T	Ethyl Acetate	0.325	0.372	-14.5	147	0.00
38 T	Carbon Tetrachloride	0.619	0.529	14.5	107	0.00
39 T	Methylcyclohexane	0.538	0.478	11.2	110	0.00
40 TM	Benzene	1.497	1.527	-2.0	130	0.00
41 T	Methacrylonitrile	0.187	0.227	-21.4	152#	0.00
42 TM	1,2-Dichloroethane	0.554	0.510	7.9	116	0.00
43 T	Isopropyl Acetate	0.584	0.672	-15.1	143	0.00
44 TM	Trichloroethene	0.404	0.388	4.0	121	0.00
45 C	1,2-Dichloropropane	0.352	0.391	-11.1#	141	0.00
46 T	Dibromomethane	0.252	0.249	1.2	125	0.00
47 T	Bromodichloromethane	0.541	0.547	-1.1	124	0.00
48 T	Methyl methacrylate	0.348	0.389	-11.8	138	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	0.005	0.005	0.0	126	0.00
50 S	Toluene-d8	1.182	1.134	4.1	110	0.00
51 T	4-Methyl-2-Pentanone	0.321	0.388	-20.9	150	0.00
52 CM	Toluene	0.946	0.946	0.0	125	0.00
53 T	t-1,3-Dichloropropene	0.585	0.570	2.6	119	0.00
54 T	cis-1,3-Dichloropropene	0.626	0.630	-0.6	123	0.00
55 T	1,1,2-Trichloroethane	0.340	0.363	-6.8	131	0.00
56 T	Ethyl methacrylate	0.377	0.406	-7.7	130	0.00
57 T	1,3-Dichloropropane	0.596	0.639	-7.2	134	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.268	-12.6	119	0.00
59 T	2-Hexanone	0.237	0.282	-19.0	148	0.00
60 T	Dibromochloromethane	0.403	0.399	1.0	121	0.00
61 T	1,2-Dibromoethane	0.352	0.358	-1.7	128	0.00
62 S	4-Bromofluorobenzene	0.449	0.407	9.4	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64 T	Tetrachloroethene	0.386	0.350	9.3	111	0.00
65 PM	Chlorobenzene	1.112	1.109	0.3	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.436	0.424	2.8	117	0.00
67 C	Ethyl Benzene	2.045	1.992	2.6#	118	0.00
68 T	m/p-Xylenes	0.756	0.747	1.2	118	0.00
69 T	o-Xylene	0.739	0.728	1.5	118	0.00
70 T	Styrene	1.065	1.091	-2.4	119	0.00
71 P	Bromoform	0.318	0.301	5.3	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	4.017	3.986	0.8	115	0.00
74 T	N-amyl acetate	1.173	1.393	-18.8	136	0.00
75 P	1,1,2,2-Tetrachloroethane	1.076	1.236	-14.9	138	0.00
76 T	1,2,3-Trichloropropane	0.997	1.055	-5.8	126	0.00
77 T	Bromobenzene	0.988	0.965	2.3	113	0.00
78 T	n-propylbenzene	4.429	4.521	-2.1	114	0.00
79 T	2-Chlorotoluene	2.891	2.866	0.9	112	0.00
80 T	1,3,5-Trimethylbenzene	3.459	3.351	3.1	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.380	0.314	17.4	96	0.00
82 T	4-Chlorotoluene	2.972	2.898	2.5	112	0.00
83 T	tert-Butylbenzene	2.833	2.727	3.7	108	0.00
84 T	1,2,4-Trimethylbenzene	3.441	3.415	0.8	109	0.00
85 T	sec-Butylbenzene	3.624	3.575	1.4	110	0.00
86 T	p-Isopropyltoluene	3.272	3.188	2.6	105	0.00
87 T	1,3-Dichlorobenzene	1.741	1.670	4.1	112	0.00
88 T	1,4-Dichlorobenzene	1.757	1.673	4.8	113	0.00
89 T	n-Butylbenzene	2.733	2.664	2.5	107	0.00
90 T	Hexachloroethane	0.520	0.475	8.7	105	0.00
91 T	1,2-Dichlorobenzene	1.653	1.646	0.4	124	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.226	0.220	2.7	122	0.00
93 T	1,2,4-Trichlorobenzene	0.918	0.890	3.1	115	0.00
94 T	Hexachlorobutadiene	0.523	0.413	21.0	101	0.00
95 T	Naphthalene	2.787	2.859	-2.6	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.886	0.851	4.0	113	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5