

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080450.D
 Acq On : 13 Dec 2023 09:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 14 04:01:40 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	96	0.00
2 T	Dichlorodifluoromethane	0.639	0.617	3.4	95	0.00
3 P	Chloromethane	0.759	0.584	23.1	83	0.00
4 C	Vinyl Chloride	0.546	0.487	10.8#	87	0.00
5 T	Bromomethane	0.246	0.222	9.8	93	0.00
6 T	Chloroethane	0.351	0.307	12.5	90	0.00
7 T	Trichlorofluoromethane	1.107	1.055	4.7	95	0.00
8 T	Diethyl Ether	0.349	0.309	11.5	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.525	0.498	5.1	90	0.00
10 T	Methyl Iodide	0.461	0.380	17.6	75	0.00
11 T	Tert butyl alcohol	0.075	0.064	14.7	81	-0.01
12 CM	1,1-Dichloroethene	0.538	0.490	8.9#	92	0.00
13 T	Acrolein	0.082	0.069	15.9	89	0.00
14 T	Allyl chloride	0.665	0.583	12.3	87	0.00
15 T	Acrylonitrile	0.213	0.192	9.9	86	0.00
16 T	Acetone	0.113	0.121	-7.1	86	0.00
17 T	Carbon Disulfide	1.523	1.313	13.8	87	0.00
18 T	Methyl Acetate	0.729	0.664	8.9	88	0.00
19 T	Methyl tert-butyl Ether	1.793	1.688	5.9	91	0.00
20 T	Methylene Chloride	0.606	0.540	10.9	90	0.00
21 T	trans-1,2-Dichloroethene	0.583	0.533	8.6	91	0.00
22 T	Diisopropyl ether	1.435	1.335	7.0	89	0.00
23 T	Vinyl Acetate	0.824	0.740	10.2	86	0.00
24 P	1,1-Dichloroethane	1.001	0.942	5.9	91	0.00
25 T	2-Butanone	0.218	0.207	5.0	87	0.00
26 T	2,2-Dichloropropane	1.024	0.957	6.5	91	0.00
27 T	cis-1,2-Dichloroethene	0.660	0.608	7.9	90	0.00
28 T	Bromochloromethane	0.384	0.378	1.6	95	0.00
29 T	Tetrahydrofuran	0.156	0.138	11.5	86	0.00
30 C	Chloroform	1.112	1.041	6.4#	90	0.00
31 T	Cyclohexane	0.868	0.759	12.6	91	0.00
32 T	1,1,1-Trichloroethane	1.088	1.029	5.4	91	0.00
33 S	1,2-Dichloroethane-d4	0.639	0.662	-3.6	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.317	0.333	-5.0	92	0.00
36 T	1,1-Dichloropropene	0.518	0.497	4.1	91	0.00
37 T	Ethyl Acetate	0.325	0.288	11.4	86	0.00
38 T	Carbon Tetrachloride	0.619	0.601	2.9	92	0.00
39 T	Methylcyclohexane	0.538	0.497	7.6	86	0.00
40 TM	Benzene	1.497	1.383	7.6	89	0.00
41 T	Methacrylonitrile	0.187	0.166	11.2	84	0.00
42 TM	1,2-Dichloroethane	0.554	0.540	2.5	93	0.00
43 T	Isopropyl Acetate	0.584	0.526	9.9	85	0.00
44 TM	Trichloroethene	0.404	0.365	9.7	87	0.00
45 C	1,2-Dichloropropane	0.352	0.324	8.0#	89	0.00
46 T	Dibromomethane	0.252	0.240	4.8	91	0.00
47 T	Bromodichloromethane	0.541	0.539	0.4	93	0.00
48 T	Methyl methacrylate	0.348	0.316	9.2	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.004	20.0	81	0.00
50 S	Toluene-d8	1.182	1.214	-2.7	89	0.00
51 T	4-Methyl-2-Pentanone	0.321	0.290	9.7	85	0.00
52 CM	Toluene	0.946	0.889	6.0#	89	0.00
53 T	t-1,3-Dichloropropene	0.585	0.552	5.6	87	0.00
54 T	cis-1,3-Dichloropropene	0.626	0.594	5.1	88	0.00
55 T	1,1,2-Trichloroethane	0.340	0.313	7.9	86	0.00
56 T	Ethyl methacrylate	0.377	0.350	7.2	85	0.00
57 T	1,3-Dichloropropane	0.596	0.553	7.2	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.227	4.6	76	0.00
59 T	2-Hexanone	0.237	0.208	12.2	83	0.00
60 T	Dibromochloromethane	0.403	0.394	2.2	90	0.00
61 T	1,2-Dibromoethane	0.352	0.322	8.5	88	0.00
62 S	4-Bromofluorobenzene	0.449	0.450	-0.2	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.386	0.355	8.0	86	0.00
65 PM	Chlorobenzene	1.112	1.052	5.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.436	0.419	3.9	88	0.00
67 C	Ethyl Benzene	2.045	1.951	4.6#	88	0.00
68 T	m/p-Xylenes	0.756	0.718	5.0	86	0.00
69 T	o-Xylene	0.739	0.697	5.7	86	0.00
70 T	Styrene	1.065	1.038	2.5	86	0.00
71 P	Bromoform	0.318	0.289	9.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.017	3.943	1.8	86	0.00
74 T	N-amyl acetate	1.173	1.063	9.4	79	0.00
75 P	1,1,2,2-Tetrachloroethane	1.076	0.956	11.2	81	0.00
76 T	1,2,3-Trichloropropane	0.997	0.899	9.8	81	0.00
77 T	Bromobenzene	0.988	0.926	6.3	82	0.00
78 T	n-propylbenzene	4.429	4.376	1.2	84	0.00
79 T	2-Chlorotoluene	2.891	2.767	4.3	82	0.00
80 T	1,3,5-Trimethylbenzene	3.459	3.359	2.9	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.380	0.338	11.1	78	0.00
82 T	4-Chlorotoluene	2.972	2.847	4.2	84	0.00
83 T	tert-Butylbenzene	2.833	2.706	4.5	81	0.00
84 T	1,2,4-Trimethylbenzene	3.441	3.374	1.9	82	0.00
85 T	sec-Butylbenzene	3.624	3.473	4.2	81	0.00
86 T	p-Isopropyltoluene	3.272	3.176	2.9	80	0.00
87 T	1,3-Dichlorobenzene	1.741	1.625	6.7	83	0.00
88 T	1,4-Dichlorobenzene	1.757	1.619	7.9	83	0.00
89 T	n-Butylbenzene	2.733	2.617	4.2	80	0.00
90 T	Hexachloroethane	0.520	0.497	4.4	84	0.00
91 T	1,2-Dichlorobenzene	1.653	1.531	7.4	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.226	0.209	7.5	88	0.00
93 T	1,2,4-Trichlorobenzene	0.918	0.900	2.0	88	0.00
94 T	Hexachlorobutadiene	0.523	0.465	11.1	86	0.00
95 T	Naphthalene	2.787	2.676	4.0	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.886	0.842	5.0	85	0.00

(#) = Out of Range

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