

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080872.D
 Acq On : 02 Feb 2024 14:06
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDC0050

Quant Time: Feb 02 23:49:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 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	74	0.00
2 T	Dichlorodifluoromethane	0.743	0.645	13.2	64	0.00
3 P	Chloromethane	1.116	1.012	9.3	74	0.00
4 C	Vinyl Chloride	0.849	0.784	7.7#	76	0.00
5 T	Bromomethane	0.339	0.338	0.3	81	0.00
6 T	Chloroethane	0.452	0.467	-3.3	83	0.00
7 T	Trichlorofluoromethane	1.098	1.058	3.6	74	0.00
8 T	Diethyl Ether	0.507	0.515	-1.6	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.641	0.607	5.3	72	0.00
10 T	Methyl Iodide	0.541	0.522	3.5	70	0.00
11 T	Tert butyl alcohol	0.141	0.146	-3.5	84	0.00
12 CM	1,1-Dichloroethene	0.702	0.669	4.7#	77	0.00
13 T	Acrolein	0.178	0.167	6.2	73	0.00
14 T	Allyl chloride	1.387	1.451	-4.6	80	0.00
15 T	Acrylonitrile	0.424	0.455	-7.3	83	0.00
16 T	Acetone	0.314	0.335	-6.7	85	0.00
17 T	Carbon Disulfide	2.185	1.838	15.9	65	0.00
18 T	Methyl Acetate	1.093	1.229	-12.4	86	0.00
19 T	Methyl tert-butyl Ether	2.473	2.468	0.2	79	0.00
20 T	Methylene Chloride	0.823	0.822	0.1	80	0.00
21 T	trans-1,2-Dichloroethene	0.762	0.710	6.8	74	0.00
22 T	Diisopropyl ether	3.061	3.151	-2.9	80	0.00
23 T	Vinyl Acetate	2.215	2.447	-10.5	80	0.00
24 P	1,1-Dichloroethane	1.552	1.564	-0.8	77	0.00
25 T	2-Butanone	0.596	0.624	-4.7	83	0.00
26 T	2,2-Dichloropropane	1.255	1.105	12.0	69	0.00
27 T	cis-1,2-Dichloroethene	0.883	0.861	2.5	78	0.00
28 T	Bromochloromethane	0.822	0.837	-1.8	77	0.00
29 T	Tetrahydrofuran	0.403	0.428	-6.2	84	0.00
30 C	Chloroform	1.442	1.444	-0.1#	80	0.00
31 T	Cyclohexane	1.483	1.258	15.2	69	0.00
32 T	1,1,1-Trichloroethane	1.169	1.148	1.8	76	0.00
33 S	1,2-Dichloroethane-d4	0.865	0.920	-6.4	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.306	0.326	-6.5	82	0.00
36 T	1,1-Dichloropropene	0.569	0.547	3.9	76	0.00
37 T	Ethyl Acetate	0.585	0.607	-3.8	84	0.00
38 T	Carbon Tetrachloride	0.458	0.441	3.7	72	0.00
39 T	Methylcyclohexane	0.565	0.500	11.5	66	0.00
40 TM	Benzene	1.671	1.659	0.7	77	0.00
41 T	Methacrylonitrile	0.345	0.373	-8.1	91	0.00
42 TM	1,2-Dichloroethane	0.544	0.579	-6.4	81	0.00
43 T	Isopropyl Acetate	1.066	1.101	-3.3	83	0.00
44 TM	Trichloroethene	0.368	0.340	7.6	75	0.00
45 C	1,2-Dichloropropane	0.452	0.478	-5.8#	80	0.00
46 T	Dibromomethane	0.268	0.262	2.2	77	0.00
47 T	Bromodichloromethane	0.544	0.539	0.9	76	0.00
48 T	Methyl methacrylate	0.517	0.523	-1.2	85	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	0.006	0.007	-16.7	88	0.00
50 S	Toluene-d8	1.197	1.250	-4.4	79	0.00
51 T	4-Methyl-2-Pentanone	0.596	0.670	-12.4	87	0.00
52 CM	Toluene	0.958	0.954	0.4#	76	0.00
53 T	t-1,3-Dichloropropene	0.634	0.624	1.6	74	0.00
54 T	cis-1,3-Dichloropropene	0.690	0.679	1.6	75	0.00
55 T	1,1,2-Trichloroethane	0.368	0.376	-2.2	80	0.00
56 T	Ethyl methacrylate	0.566	0.653	-15.4	79	0.00
57 T	1,3-Dichloropropane	0.693	0.711	-2.6	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.330	0.353	-7.0	82	0.00
59 T	2-Hexanone	0.463	0.481	-3.9	80	0.00
60 T	Dibromochloromethane	0.343	0.353	-2.9	77	0.00
61 T	1,2-Dibromoethane	0.345	0.365	-5.8	78	0.00
62 S	4-Bromofluorobenzene	0.417	0.466	-11.8	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.329	0.319	3.0	77	0.00
65 PM	Chlorobenzene	1.091	1.038	4.9	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.355	0.355	0.0	75	0.00
67 C	Ethyl Benzene	2.028	1.978	2.5#	76	0.00
68 T	m/p-Xylenes	0.720	0.721	-0.1	75	0.00
69 T	o-Xylene	0.716	0.749	-4.6	81	0.00
70 T	Styrene	1.149	1.258	-9.5	81	0.00
71 P	Bromoform	0.240	0.252	-5.0	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	4.579	4.405	3.8	79	0.00
74 T	N-amyl acetate	2.843	2.757	3.0	81	0.00
75 P	1,1,2,2-Tetrachloroethane	1.611	1.615	-0.2	88	0.00
76 T	1,2,3-Trichloropropane	1.508	1.549	-2.7	79	0.00
77 T	Bromobenzene	0.979	0.940	4.0	82	0.00
78 T	n-propylbenzene	5.470	5.213	4.7	76	0.00
79 T	2-Chlorotoluene	3.477	3.245	6.7	79	0.00
80 T	1,3,5-Trimethylbenzene	3.647	3.573	2.0	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.585	0.569	2.7	77	0.00
82 T	4-Chlorotoluene	3.443	3.283	4.6	81	0.00
83 T	tert-Butylbenzene	2.912	2.736	6.0	76	0.00
84 T	1,2,4-Trimethylbenzene	3.695	3.476	5.9	76	0.00
85 T	sec-Butylbenzene	4.293	4.086	4.8	75	0.00
86 T	p-Isopropyltoluene	3.336	3.138	5.9	74	0.00
87 T	1,3-Dichlorobenzene	1.751	1.648	5.9	80	0.00
88 T	1,4-Dichlorobenzene	1.755	1.679	4.3	81	0.00
89 T	n-Butylbenzene	3.265	3.023	7.4	72	0.00
90 T	Hexachloroethane	0.584	0.515	11.8	72	0.00
91 T	1,2-Dichlorobenzene	1.602	1.625	-1.4	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.301	0.276	8.3	76	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.780	5.5	79	0.00
94 T	Hexachlorobutadiene	0.360	0.326	9.4	81	0.00
95 T	Naphthalene	3.156	3.055	3.2	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.811	0.787	3.0	81	0.00

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