

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081182.D
 Acq On : 24 Feb 2024 00:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 24 03:34:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 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	71	0.00
2 T	Dichlorodifluoromethane	0.647	0.682	-5.4	71	0.00
3 P	Chloromethane	0.833	0.654	21.5	65	0.00
4 C	Vinyl Chloride	0.718	0.751	-4.6#	76	0.00
5 T	Bromomethane	0.510	0.411	19.4	60	0.00
6 T	Chloroethane	0.556	0.504	9.4	77	0.00
7 T	Trichlorofluoromethane	1.049	1.129	-7.6	77	0.00
8 T	Diethyl Ether	0.384	0.410	-6.8	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.585	0.619	-5.8	76	0.00
10 T	Methyl Iodide	0.653	0.664	-1.7	70	0.00
11 T	Tert butyl alcohol	0.113	0.143	-26.5#	100	0.00
12 CM	1,1-Dichloroethene	0.565	0.595	-5.3#	76	0.00
13 T	Acrolein	0.060	0.067	-11.7	87	0.00
14 T	Allyl chloride	0.839	0.848	-1.1	73	0.00
15 T	Acrylonitrile	0.294	0.355	-20.7	89	0.00
16 T	Acetone	0.241	0.266	-10.4	84	0.00
17 T	Carbon Disulfide	1.577	1.450	8.1	68	0.00
18 T	Methyl Acetate	0.588	0.807	-37.2#	97	0.00
19 T	Methyl tert-butyl Ether	1.937	2.173	-12.2	80	0.00
20 T	Methylene Chloride	0.693	0.707	-2.0	81	0.00
21 T	trans-1,2-Dichloroethene	0.631	0.634	-0.5	75	0.00
22 T	Diisopropyl ether	1.903	2.175	-14.3	82	0.00
23 T	Vinyl Acetate	1.544	1.734	-12.3	79	0.00
24 P	1,1-Dichloroethane	1.100	1.247	-13.4	81	0.00
25 T	2-Butanone	0.390	0.449	-15.1	86	0.00
26 T	2,2-Dichloropropane	1.031	0.873	15.3	60	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.797	-8.7	79	0.00
28 T	Bromochloromethane	0.456	0.534	-17.1	85	0.00
29 T	Tetrahydrofuran	0.260	0.307	-18.1	89	0.00
30 C	Chloroform	1.170	1.330	-13.7#	83	0.00
31 T	Cyclohexane	1.058	1.028	2.8	75	0.00
32 T	1,1,1-Trichloroethane	1.065	1.169	-9.8	80	0.00
33 S	1,2-Dichloroethane-d4	0.613	0.643	-4.9	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.283	0.298	-5.3	78	0.00
36 T	1,1-Dichloropropene	0.484	0.505	-4.3	78	0.00
37 T	Ethyl Acetate	0.437	0.502	-14.9	85	0.00
38 T	Carbon Tetrachloride	0.490	0.541	-10.4	78	0.00
39 T	Methylcyclohexane	0.565	0.577	-2.1	74	0.00
40 TM	Benzene	1.402	1.529	-9.1	80	0.00
41 T	Methacrylonitrile	0.249	0.281	-12.9	91	0.00
42 TM	1,2-Dichloroethane	0.489	0.550	-12.5	83	0.00
43 T	Isopropyl Acetate	0.765	1.088	-42.2#	105	0.00
44 TM	Trichloroethene	0.373	0.379	-1.6	77	0.00
45 C	1,2-Dichloropropane	0.351	0.395	-12.5#	83	0.00
46 T	Dibromomethane	0.256	0.280	-9.4	82	0.00
47 T	Bromodichloromethane	0.484	0.557	-15.1	81	0.00
48 T	Methyl methacrylate	0.356	0.407	-14.3	87	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	0.008	0.009	-12.5	93	0.00
50 S	Toluene-d8	1.004	0.994	1.0	76	0.00
51 T	4-Methyl-2-Pentanone	0.440	0.530	-20.5	88	0.00
52 CM	Toluene	0.888	0.991	-11.6#	80	0.00
53 T	t-1,3-Dichloropropene	0.538	0.569	-5.8	72	0.00
54 T	cis-1,3-Dichloropropene	0.581	0.611	-5.2	75	0.00
55 T	1,1,2-Trichloroethane	0.341	0.395	-15.8	82	0.00
56 T	Ethyl methacrylate	0.522	0.605	-15.9	82	0.00
57 T	1,3-Dichloropropane	0.590	0.667	-13.1	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.262	0.276	-5.3	77	0.00
59 T	2-Hexanone	0.349	0.401	-14.9	79	0.00
60 T	Dibromochloromethane	0.363	0.415	-14.3	78	0.00
61 T	1,2-Dibromoethane	0.359	0.411	-14.5	82	0.00
62 S	4-Bromofluorobenzene	0.377	0.393	-4.2	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.341	0.342	-0.3	80	0.00
65 PM	Chlorobenzene	1.082	1.124	-3.9	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.419	-7.7	79	0.00
67 C	Ethyl Benzene	1.936	2.052	-6.0#	79	0.00
68 T	m/p-Xylenes	0.742	0.793	-6.9	79	0.00
69 T	o-Xylene	0.736	0.778	-5.7	79	0.00
70 T	Styrene	1.166	1.279	-9.7	79	0.00
71 P	Bromoform	0.247	0.296	-19.8	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	4.375	4.363	0.3	81	0.00
74 T	N-amyl acetate	1.849	1.899	-2.7	83	0.00
75 P	1,1,2,2-Tetrachloroethane	1.230	1.338	-8.8	91	0.00
76 T	1,2,3-Trichloropropane	1.136	1.053	7.3	80	0.00
77 T	Bromobenzene	0.975	0.975	0.0	84	0.00
78 T	n-propylbenzene	5.036	5.175	-2.8	82	0.00
79 T	2-Chlorotoluene	3.089	3.012	2.5	82	0.00
80 T	1,3,5-Trimethylbenzene	3.547	3.658	-3.1	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.441	0.406	7.9	73	0.00
82 T	4-Chlorotoluene	3.020	2.968	1.7	81	0.00
83 T	tert-Butylbenzene	3.067	3.117	-1.6	83	0.00
84 T	1,2,4-Trimethylbenzene	3.534	3.655	-3.4	83	0.00
85 T	sec-Butylbenzene	4.264	4.573	-7.2	85	0.00
86 T	p-Isopropyltoluene	3.542	3.710	-4.7	83	0.00
87 T	1,3-Dichlorobenzene	1.843	1.772	3.9	81	0.00
88 T	1,4-Dichlorobenzene	1.811	1.785	1.4	82	0.00
89 T	n-Butylbenzene	3.085	3.231	-4.7	82	0.00
90 T	Hexachloroethane	0.585	0.648	-10.8	84	0.00
91 T	1,2-Dichlorobenzene	1.778	1.754	1.3	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.256	0.266	-3.9	87	0.00
93 T	1,2,4-Trichlorobenzene	0.992	0.959	3.3	77	0.00
94 T	Hexachlorobutadiene	0.370	0.344	7.0	76	0.00
95 T	Naphthalene	3.634	3.707	-2.0	83	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	0.984	0.991	-0.7	81	0.00

(#) = Out of Range

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