

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022924\  
 Data File : VN081262.D  
 Acq On : 29 Feb 2024 12:04  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Feb 29 23:48:31 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	61	0.00
2 T	Dichlorodifluoromethane	0.647	0.681	-5.3	61	0.00
3 P	Chloromethane	0.833	0.658	21.0	57	0.00
4 C	Vinyl Chloride	0.718	0.735	-2.4#	64	0.00
5 T	Bromomethane	0.510	0.486	4.7	61	0.00
6 T	Chloroethane	0.556	0.506	9.0	67	0.00
7 T	Trichlorofluoromethane	1.049	1.172	-11.7	69	0.00
8 T	Diethyl Ether	0.384	0.428	-11.5	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.585	0.679	-16.1	72	0.00
10 T	Methyl Iodide	0.653	0.630	3.5	57	0.00
11 T	Tert butyl alcohol	0.113	0.113	0.0	68	0.00
12 CM	1,1-Dichloroethene	0.565	0.601	-6.4#	66	0.00
13 T	Acrolein	0.060	0.070	-16.7	79	0.00
14 T	Allyl chloride	0.839	0.893	-6.4	66	0.00
15 T	Acrylonitrile	0.294	0.350	-19.0	76	0.00
16 T	Acetone	0.241	0.243	-0.8	66	0.01
17 T	Carbon Disulfide	1.577	1.440	8.7	58	0.00
18 T	Methyl Acetate	0.588	0.836	-42.2#	86	0.00
19 T	Methyl tert-butyl Ether	1.937	2.256	-16.5	72	0.00
20 T	Methylene Chloride	0.693	0.735	-6.1	72	0.00
21 T	trans-1,2-Dichloroethene	0.631	0.681	-7.9	70	0.00
22 T	Diisopropyl ether	1.903	2.324	-22.1	75	0.00
23 T	Vinyl Acetate	1.544	1.763	-14.2	69	0.00
24 P	1,1-Dichloroethane	1.100	1.318	-19.8	74	0.00
25 T	2-Butanone	0.390	0.433	-11.0	72	0.00
26 T	2,2-Dichloropropane	1.031	1.151	-11.6	68	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.828	-13.0	70	0.00
28 T	Bromochloromethane	0.456	0.602	-32.0#	83	0.00
29 T	Tetrahydrofuran	0.260	0.294	-13.1	73	0.00
30 C	Chloroform	1.170	1.435	-22.6#	77	0.00
31 T	Cyclohexane	1.058	1.037	2.0	66	0.00
32 T	1,1,1-Trichloroethane	1.065	1.255	-17.8	73	0.00
33 S	1,2-Dichloroethane-d4	0.613	0.686	-11.9	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.283	0.327	-15.5	72	0.00
36 T	1,1-Dichloropropene	0.484	0.553	-14.3	71	0.00
37 T	Ethyl Acetate	0.437	0.521	-19.2	74	0.00
38 T	Carbon Tetrachloride	0.490	0.585	-19.4	71	0.00
39 T	Methylcyclohexane	0.565	0.605	-7.1	65	0.00
40 TM	Benzene	1.402	1.653	-17.9	72	0.00
41 T	Methacrylonitrile	0.249	0.272	-9.2	74	0.00
42 TM	1,2-Dichloroethane	0.489	0.596	-21.9	76	0.00
43 T	Isopropyl Acetate	0.765	0.902	-17.9	73	0.00
44 TM	Trichloroethene	0.373	0.418	-12.1	71	0.00
45 C	1,2-Dichloropropane	0.351	0.427	-21.7#	75	0.00
46 T	Dibromomethane	0.256	0.299	-16.8	74	0.00
47 T	Bromodichloromethane	0.484	0.614	-26.9#	75	0.00
48 T	Methyl methacrylate	0.356	0.409	-14.9	73	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	0.008	0.008	0.0	74	0.00
50 S	Toluene-d8	1.004	1.007	-0.3	64	0.00
51 T	4-Methyl-2-Pentanone	0.440	0.542	-23.2	76	0.00
52 CM	Toluene	0.888	1.031	-16.1#	70	0.00
53 T	t-1,3-Dichloropropene	0.538	0.635	-18.0	68	0.00
54 T	cis-1,3-Dichloropropene	0.581	0.701	-20.7	72	0.00
55 T	1,1,2-Trichloroethane	0.341	0.426	-24.9	74	0.00
56 T	Ethyl methacrylate	0.522	0.622	-19.2	70	0.00
57 T	1,3-Dichloropropane	0.590	0.717	-21.5	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.262	0.303	-15.6	71	0.00
59 T	2-Hexanone	0.349	0.394	-12.9	65	0.00
60 T	Dibromochloromethane	0.363	0.434	-19.6	68	0.00
61 T	1,2-Dibromoethane	0.359	0.413	-15.0	70	0.00
62 S	4-Bromofluorobenzene	0.377	0.396	-5.0	67	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.00
64 T	Tetrachloroethene	0.341	0.423	-24.0	81	0.00
65 PM	Chlorobenzene	1.082	1.206	-11.5	70	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.455	-17.0	71	0.00
67 C	Ethyl Benzene	1.936	2.230	-15.2#	70	0.00
68 T	m/p-Xylenes	0.742	0.827	-11.5	68	0.00
69 T	o-Xylene	0.736	0.807	-9.6	67	0.00
70 T	Styrene	1.166	1.376	-18.0	70	0.00
71 P	Bromoform	0.247	0.289	-17.0	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	4.375	4.506	-3.0	70	0.00
74 T	N-amyl acetate	1.849	1.801	2.6	65	0.00
75 P	1,1,2,2-Tetrachloroethane	1.230	1.327	-7.9	76	0.00
76 T	1,2,3-Trichloropropane	1.136	1.215	-7.0	77	0.00
77 T	Bromobenzene	0.975	0.991	-1.6	71	0.00
78 T	n-propylbenzene	5.036	5.518	-9.6	73	0.00
79 T	2-Chlorotoluene	3.089	3.175	-2.8	73	0.00
80 T	1,3,5-Trimethylbenzene	3.547	3.840	-8.3	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.441	0.429	2.7	65	0.00
82 T	4-Chlorotoluene	3.020	3.137	-3.9	71	0.00
83 T	tert-Butylbenzene	3.067	3.236	-5.5	72	0.00
84 T	1,2,4-Trimethylbenzene	3.534	3.889	-10.0	74	0.00
85 T	sec-Butylbenzene	4.264	4.835	-13.4	75	0.00
86 T	p-Isopropyltoluene	3.542	3.909	-10.4	73	0.00
87 T	1,3-Dichlorobenzene	1.843	1.950	-5.8	75	0.00
88 T	1,4-Dichlorobenzene	1.811	1.948	-7.6	75	0.00
89 T	n-Butylbenzene	3.085	3.578	-16.0	76	0.00
90 T	Hexachloroethane	0.585	0.681	-16.4	74	0.00
91 T	1,2-Dichlorobenzene	1.778	1.948	-9.6	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.256	0.278	-8.6	76	0.00
93 T	1,2,4-Trichlorobenzene	0.992	1.104	-11.3	74	0.00
94 T	Hexachlorobutadiene	0.370	0.421	-13.8	77	0.00
95 T	Naphthalene	3.634	3.909	-7.6	73	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	1.079	-9.7	73	0.00

(#) = Out of Range

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