

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012324\  
 Data File : VN080762.D  
 Acq On : 23 Jan 2024 16:46  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleID :  
 VSTDCCC050

Quant Time: Jan 24 02:01:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 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	75	0.00
2 T	Dichlorodifluoromethane	0.812	0.761	6.3	64	0.00
3 P	Chloromethane	1.074	1.174	-9.3	95	0.00
4 C	Vinyl Chloride	0.737	0.967	-31.2#	97	0.00
5 T	Bromomethane	0.280	0.363	-29.6#	98	0.00
6 T	Chloroethane	0.451	0.529	-17.3	99	0.00
7 T	Trichlorofluoromethane	1.217	1.135	6.7	66	0.00
8 T	Diethyl Ether	0.532	0.556	-4.5	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.663	0.696	-5.0	76	-0.02
10 T	Methyl Iodide	0.555	0.550	0.9	70	0.00
11 T	Tert butyl alcohol	0.148	0.126	14.9	61	0.00
12 CM	1,1-Dichloroethene	0.746	0.706	5.4#	75	0.00
13 T	Acrolein	0.124	0.129	-4.0	85	0.00
14 T	Allyl chloride	1.480	1.490	-0.7	79	0.00
15 T	Acrylonitrile	0.388	0.402	-3.6	77	0.00
16 T	Acetone	0.288	0.253	12.2	59	-0.01
17 T	Carbon Disulfide	2.283	2.143	6.1	75	0.00
18 T	Methyl Acetate	0.858	0.942	-9.8	80	0.00
19 T	Methyl tert-butyl Ether	2.572	2.591	-0.7	75	0.00
20 T	Methylene Chloride	0.842	0.850	-1.0	81	0.00
21 T	trans-1,2-Dichloroethene	0.757	0.790	-4.4	80	-0.01
22 T	Diisopropyl ether	2.790	3.328	-19.3	90	0.00
23 T	Vinyl Acetate	2.271	2.553	-12.4	82	0.00
24 P	1,1-Dichloroethane	1.528	1.760	-15.2	87	0.00
25 T	2-Butanone	0.521	0.506	2.9	72	0.00
26 T	2,2-Dichloropropane	1.336	1.400	-4.8	78	0.00
27 T	cis-1,2-Dichloroethene	0.835	0.931	-11.5	82	0.00
28 T	Bromochloromethane	0.714	0.757	-6.0	80	0.00
29 T	Tetrahydrofuran	0.351	0.352	-0.3	74	0.00
30 C	Chloroform	1.432	1.521	-6.2#	79	0.00
31 T	Cyclohexane	1.357	1.495	-10.2	88	0.00
32 T	1,1,1-Trichloroethane	1.275	1.243	2.5	72	0.00
33 S	1,2-Dichloroethane-d4	0.878	0.836	4.8	67	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.284	0.297	-4.6	73	0.00
36 T	1,1-Dichloropropene	0.582	0.587	-0.9	80	0.00
37 T	Ethyl Acetate	0.564	0.555	1.6	76	0.00
38 T	Carbon Tetrachloride	0.523	0.489	6.5	71	0.00
39 T	Methylcyclohexane	0.557	0.612	-9.9	84	0.00
40 TM	Benzene	1.636	1.796	-9.8	86	0.00
41 T	Methacrylonitrile	0.327	0.316	3.4	72	0.00
42 TM	1,2-Dichloroethane	0.626	0.592	5.4	73	0.00
43 T	Isopropyl Acetate	1.037	1.034	0.3	77	0.00
44 TM	Trichloroethene	0.370	0.373	-0.8	80	0.00
45 C	1,2-Dichloropropane	0.434	0.501	-15.4#	91	0.00
46 T	Dibromomethane	0.274	0.282	-2.9	80	0.00
47 T	Bromodichloromethane	0.609	0.587	3.6	76	0.00
48 T	Methyl methacrylate	0.491	0.487	0.8	77	0.00

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 Quant Title : SW846 8260  
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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	0.006	0.005	16.7	59	0.00
50 S	Toluene-d8	1.083	1.192	-10.1	80	0.00
51 T	4-Methyl-2-Pentanone	0.560	0.559	0.2	77	0.00
52 CM	Toluene	0.937	1.049	-12.0#	87	0.00
53 T	t-1,3-Dichloropropene	0.676	0.691	-2.2	77	0.00
54 T	cis-1,3-Dichloropropene	0.717	0.774	-7.9	83	0.00
55 T	1,1,2-Trichloroethane	0.361	0.395	-9.4	87	0.00
56 T	Ethyl methacrylate	0.646	0.650	-0.6	79	0.00
57 T	1,3-Dichloropropane	0.659	0.743	-12.7	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.310	0.342	-10.3	85	0.00
59 T	2-Hexanone	0.413	0.401	2.9	74	0.00
60 T	Dibromochloromethane	0.371	0.376	-1.3	78	0.00
61 T	1,2-Dibromoethane	0.355	0.365	-2.8	78	0.00
62 S	4-Bromofluorobenzene	0.415	0.403	2.9	71	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.343	0.346	-0.9	84	0.00
65 PM	Chlorobenzene	1.092	1.161	-6.3	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.401	-3.4	81	0.00
67 C	Ethyl Benzene	2.086	2.245	-7.6#	85	0.00
68 T	m/p-Xylenes	0.733	0.820	-11.9	86	0.00
69 T	o-Xylene	0.717	0.797	-11.2	85	0.00
70 T	Styrene	1.218	1.362	-11.8	86	0.00
71 P	Bromoform	0.267	0.251	6.0	72	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	4.755	5.036	-5.9	86	0.00
74 T	N-acyl acetate	2.853	2.694	5.6	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.560	1.420	9.0	76	0.00
76 T	1,2,3-Trichloropropane	1.542	1.279	17.1	71	0.00
77 T	Bromobenzene	1.010	0.987	2.3	82	0.00
78 T	n-propylbenzene	5.833	6.200	-6.3	88	0.00
79 T	2-Chlorotoluene	3.738	3.643	2.5	84	0.00
80 T	1,3,5-Trimethylbenzene	3.962	4.070	-2.7	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.654	0.541	17.3	72	0.00
82 T	4-Chlorotoluene	3.664	3.673	-0.2	84	0.00
83 T	tert-Butylbenzene	3.168	3.210	-1.3	85	0.00
84 T	1,2,4-Trimethylbenzene	3.896	4.069	-4.4	85	0.00
85 T	sec-Butylbenzene	4.501	4.787	-6.4	86	0.00
86 T	p-Isopropyltoluene	3.555	3.691	-3.8	85	0.00
87 T	1,3-Dichlorobenzene	1.804	1.828	-1.3	86	0.00
88 T	1,4-Dichlorobenzene	1.838	1.810	1.5	82	0.00
89 T	n-Butylbenzene	3.426	3.758	-9.7	87	0.00
90 T	Hexachloroethane	0.659	0.648	1.7	81	0.00
91 T	1,2-Dichlorobenzene	1.700	1.803	-6.1	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.388	0.263	32.2#	60	0.00
93 T	1,2,4-Trichlorobenzene	0.885	0.907	-2.5	82	0.00
94 T	Hexachlorobutadiene	0.425	0.404	4.9	84	0.00
95 T	Naphthalene	3.484	3.156	9.4	73	0.00

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 Response via : Initial Calibration

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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	0.857	0.867	-1.2	80	0.00

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