

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120523\  
 Data File : VN080374.D  
 Acq On : 05 Dec 2023 18:32  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleID :  
 VSTDCCC050

Quant Time: Dec 06 00:55:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 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	84	0.00
2 T	Dichlorodifluoromethane	0.745	0.725	2.7	82	0.00
3 P	Chloromethane	0.560	0.506	9.6	79	0.00
4 C	Vinyl Chloride	0.593	0.585	1.3#	85	0.00
5 T	Bromomethane	0.402	0.349	13.2	78	0.00
6 T	Chloroethane	0.447	0.377	15.7	87	0.00
7 T	Trichlorofluoromethane	1.236	1.267	-2.5	87	0.00
8 T	Diethyl Ether	0.360	0.360	0.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.565	0.573	-1.4	88	0.00
10 T	Methyl Iodide	0.611	0.646	-5.7	84	0.00
11 T	Tert butyl alcohol	0.091	0.093	-2.2	87	0.00
12 CM	1,1-Dichloroethene	0.528	0.556	-5.3#	90	0.00
13 T	Acrolein	0.080	0.087	-8.7	100	0.00
14 T	Allyl chloride	0.665	0.700	-5.3	88	0.00
15 T	Acrylonitrile	0.244	0.238	2.5	84	0.00
16 T	Acetone	0.277	0.212	23.5	75	0.00
17 T	Carbon Disulfide	1.578	1.445	8.4	82	0.00
18 T	Methyl Acetate	0.891	0.826	7.3	86	0.00
19 T	Methyl tert-butyl Ether	1.866	1.970	-5.6	88	0.00
20 T	Methylene Chloride	0.581	0.631	-8.6	92	0.00
21 T	trans-1,2-Dichloroethene	0.581	0.596	-2.6	89	0.00
22 T	Diisopropyl ether	1.471	1.517	-3.1	86	0.00
23 T	Vinyl Acetate	0.884	0.883	0.1	82	0.00
24 P	1,1-Dichloroethane	1.071	1.069	0.2	89	0.00
25 T	2-Butanone	0.329	0.279	15.2	78	0.00
26 T	2,2-Dichloropropane	1.063	1.066	-0.3	84	0.00
27 T	cis-1,2-Dichloroethene	0.658	0.686	-4.3	90	0.00
28 T	Bromochloromethane	0.421	0.370	12.1	80	0.00
29 T	Tetrahydrofuran	0.177	0.169	4.5	80	0.00
30 C	Chloroform	1.198	1.277	-6.6#	92	0.00
31 T	Cyclohexane	0.898	0.814	9.4	80	0.00
32 T	1,1,1-Trichloroethane	1.168	1.237	-5.9	90	0.00
33 S	1,2-Dichloroethane-d4	0.826	0.787	4.7	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.369	0.372	-0.8	90	0.00
36 T	1,1-Dichloropropene	0.534	0.576	-7.9	89	0.00
37 T	Ethyl Acetate	0.371	0.359	3.2	82	0.00
38 T	Carbon Tetrachloride	0.678	0.736	-8.6	90	0.00
39 T	Methylcyclohexane	0.515	0.523	-1.6	79	0.00
40 TM	Benzene	1.518	1.605	-5.7	90	0.00
41 T	Methacrylonitrile	0.203	0.210	-3.4	85	0.00
42 TM	1,2-Dichloroethane	0.621	0.675	-8.7	90	0.00
43 T	Isopropyl Acetate	0.721	0.655	9.2	82	0.00
44 TM	Trichloroethene	0.398	0.433	-8.8	93	0.00
45 C	1,2-Dichloropropane	0.353	0.374	-5.9#	89	0.00
46 T	Dibromomethane	0.267	0.283	-6.0	89	0.00
47 T	Bromodichloromethane	0.587	0.641	-9.2	90	0.00
48 T	Methyl methacrylate	0.372	0.393	-5.6	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	87	0.00
50 S	Toluene-d8	1.330	1.331	-0.1	86	0.00
51 T	4-Methyl-2-Pentanone	0.373	0.373	0.0	82	0.00
52 CM	Toluene	0.950	1.040	-9.5#	90	0.00
53 T	t-1,3-Dichloropropene	0.604	0.665	-10.1	89	0.00
54 T	cis-1,3-Dichloropropene	0.617	0.685	-11.0	88	0.00
55 T	1,1,2-Trichloroethane	0.363	0.386	-6.3	91	0.00
56 T	Ethyl methacrylate	0.370	0.427	-15.4	86	0.00
57 T	1,3-Dichloropropane	0.633	0.671	-6.0	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.209	0.189	9.6	78	0.00
59 T	2-Hexanone	0.300	0.280	6.7	79	0.00
60 T	Dibromochloromethane	0.434	0.493	-13.6	93	0.00
61 T	1,2-Dibromoethane	0.370	0.391	-5.7	89	0.00
62 S	4-Bromofluorobenzene	0.502	0.507	-1.0	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.382	0.448	-17.3	101	0.00
65 PM	Chlorobenzene	1.133	1.233	-8.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.440	0.504	-14.5	93	0.00
67 C	Ethyl Benzene	2.016	2.243	-11.3#	90	0.00
68 T	m/p-Xylenes	0.735	0.842	-14.6	91	0.00
69 T	o-Xylene	0.693	0.823	-18.8	94	0.00
70 T	Styrene	1.031	1.208	-17.2	91	0.00
71 P	Bromoform	0.326	0.363	-11.3	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.885	4.214	-8.5	90	0.00
74 T	N-amyl acetate	1.212	1.153	4.9	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.163	1.091	6.2	87	0.00
76 T	1,2,3-Trichloropropane	1.225	1.210	1.2	87	0.00
77 T	Bromobenzene	0.980	1.022	-4.3	91	0.00
78 T	n-propylbenzene	4.345	4.649	-7.0	88	0.00
79 T	2-Chlorotoluene	2.822	3.002	-6.4	91	0.00
80 T	1,3,5-Trimethylbenzene	3.382	3.643	-7.7	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.363	0.363	0.0	85	0.00
82 T	4-Chlorotoluene	2.891	3.076	-6.4	91	0.00
83 T	tert-Butylbenzene	2.712	2.949	-8.7	89	0.00
84 T	1,2,4-Trimethylbenzene	3.330	3.692	-10.9	91	0.00
85 T	sec-Butylbenzene	3.431	3.715	-8.3	88	0.00
86 T	p-Isopropyltoluene	3.065	3.430	-11.9	90	0.00
87 T	1,3-Dichlorobenzene	1.765	1.801	-2.0	92	0.00
88 T	1,4-Dichlorobenzene	1.774	1.802	-1.6	93	0.00
89 T	n-Butylbenzene	2.565	2.678	-4.4	83	0.00
90 T	Hexachloroethane	0.598	0.623	-4.2	90	0.00
91 T	1,2-Dichlorobenzene	1.689	1.757	-4.0	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.251	7.0	86	0.00
93 T	1,2,4-Trichlorobenzene	0.982	0.917	6.6	84	0.00
94 T	Hexachlorobutadiene	0.565	0.522	7.6	86	0.00
95 T	Naphthalene	2.848	2.556	10.3	79	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.921	0.897	2.6	86	0.00

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