Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
Data File : VN082112.D
Acq On : 13 May 2024 21:32
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: May 14 11:36:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 14 11:29:16 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	Bromochloromethane	1.000	1.000	0.0	53	0.00
2	M	Dichlorodifluoromethane	1.703	1.474	13.4	47#	0.00
3	M	Chloromethane	1.975	2.150	-8.9	60	0.00
4	M	Vinyl Chloride	1.866	2.134	-14.4	63	0.00
5	M	Bromomethane	0.974	0.955	2.0	52	0.05
6	M	Chloroethane	1.056	1.376	-30.3#	69	0.02
7	M	Trichlorofluoromethane	2.730	2.593	5.0	51	0.02
8	T	Diethyl Ether	1.322	1.413	-6.9	57	0.00
9		1,1,2-Trichlorotrifluoroeth	1.874	1.704	9.1	48#	0.00
10	M	1,1-Dichloroethene	1.833	1.719	6.2	51	0.01
11		Methyl Iodide	1.675	1.620	3.3	59	0.00
12		Methyl Acetate	2.344	3.040	-29.7#	73	0.00
13	M	Acrolein	0.488	0.464	4.9	54	0.01
14	M	Acrylonitrile	1.046	1.206	-15.3	62	0.00
15	M	Acetone	0.236	0.252	-6.8	56	0.00
16	M	Carbon Disulfide	5.073	4.200	17.2	46#	0.00
17		Allyl chloride	3.281	3.387	-3.2	53	0.00
18	M	Methylene Chloride	2.083	2.208	-6.0	59	0.00
19	M	trans-1,2-Dichloroethene	1.908	1.872	1.9	56	0.02
20	T	Diisopropyl ether	7.112	8.345	-17.3	64	0.00
21	M	1,1-Dichloroethane	3.766	4.332	-15.0	61	0.00
22	M	cis-1,2-Dichloroethene	2.331	2.441	-4.7	58	0.00
23	M	tert-Butyl Alcohol	0.431	0.419	2.8	50#	0.00
24	M	Methyl tert-Butyl Ether	6.602	6.971	-5.6	56	0.00
25	M	Chloroform	3.623	3.971	-9.6	59	0.00
26		Cyclohexane	3.237	3.042	6.0	51	0.00
27	s	1,2-Dichloroethane-d4	2.512	2.773	-10.4	60	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	53	0.00
29		1,1-Dichloropropene	0.447	0.451	-0.9	54	0.00
30	M	2-Butanone	0.230	0.271	-17.8	61	0.00
31		2,2-Dichloropropane	0.458	0.509	-11.1	61	0.00
32	M	1,1,1-Trichloroethane	0.514	0.518	-0.8	53	0.00
33	M	Carbon Tetrachloride	0.417	0.399	4.3	50	0.00
34	M	Benzene	1.425	1.566	-9.9	58	0.00
35		Methacrylonitrile	0.291	0.339	-16.5	63	0.00
36	M	1,2-Dichloroethane	0.478	0.525	-9.8	59	0.00
37	M	Trichloroethene	0.349	0.308	11.7	47#	0.00
38		Methylcyclohexane	0.540	0.441	18.3	43#	0.00
39	M	1,2-Dichloropropane	0.366	0.439	-19.9	66	0.00
40		Dibromomethane	0.235	0.263	-11.9	61	0.00
41	M	Bromodichloromethane	0.502	0.543	-8.2	59	0.00
42	M	Vinyl Acetate	0.980	1.096	-11.8	60	0.00
43		Ethyl Acetate	0.504	0.577	-14.5	63	0.00
44		Isopropyl Acetate	0.891	1.065	-19.5	64	0.00
45	T	1,4-Dioxane	0.007	0.007	0.0	55	0.00
46		Methyl methacrylate	0.407	0.483	-18.7	64	0.00
47		n-amyl Acetate	0.804	0.911	-13.3	62	0.00
48	M	t-1,3-Dichloropropene	0.544	0.550	-1.1	55	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.576	0.623	-8.2	58	0.00
50	M	1,1,2-Trichloroethane	0.319	0.373	-16.9	62	0.00
51		Ethyl methacrylate	0.601	0.628	-4.5	56	0.00
52		1,3-Dichloropropane	0.585	0.661	-13.0	61	0.00
53	M	Dibromochloromethane	0.347	0.350	-0.9	56	0.00
54	M	1,2-Dibromoethane	0.318	0.344	-8.2	58	0.00
55	M	2-Chloroethyl vinyl ether	0.301	0.353	-17.3	62	0.00
56	M	Bromoform	0.211	0.198	6.2	50	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	54	0.00
58	M	4-Methyl-2-Pentanone	0.582	0.720	-23.7	65	0.00
59	M	2-Hexanone	0.432	0.527	-22.0	64	0.00
60	S	4-Bromofluorobenzene	0.499	0.479	4.0	53	0.00
61	M	Tetrachloroethene	0.333	0.242	27.3#	38#	0.00
62	M	Toluene	1.688	1.748	-3.6	55	0.00
63	S	Toluene-d8	1.425	1.498	-5.1	56	0.00
64	M	Chlorobenzene	1.032	1.064	-3.1	54	0.00
65		1,1,1,2-Tetrachloroethane	0.338	0.342	-1.2	53	0.00
66	M	Ethyl Benzene	1.850	1.847	0.2	52	0.00
67	M	m/p-Xylenes	0.686	0.665	3.1	51	0.00
68	M	o-Xylene	0.679	0.674	0.7	51	0.00
69	M	Styrene	1.139	1.183	-3.9	56	0.00
70		Isopropylbenzene	1.724	1.688	2.1	51	0.00
71	M	1,1,2,2-Tetrachloroethane	0.496	0.612	-23.4	63	0.00
72		1,2,3-Trichloropropane	0.406	0.532	-31.0#	72	0.00
73		Bromobenzene	0.369	0.356	3.5	53	0.00
74		n-propylbenzene	2.035	2.050	-0.7	53	0.00
75		2-Chlorotoluene	1.258	1.280	-1.7	54	0.00
76		1,3,5-Trimethylbenzene	1.395	1.361	2.4	51	0.00
77		t-1,4-Dichloro-2-butene	0.207	0.203	1.9	53	0.00
78		4-Chlorotoluene	1.233	1.228	0.4	54	0.00
79		tert-butylbenzene	1.201	1.162	3.2	50	0.00
80		1,2,4-Trimethylbenzene	1.401	1.399	0.1	53	0.00
81		sec-Butylbenzene	1.684	1.599	5.0	51	0.00
82		p-Isopropyltoluene	1.332	1.230	7.7	48#	0.00
83	M	1,3-Dichlorobenzene	0.664	0.632	4.8	50#	0.00
84	M	1,4-Dichlorobenzene	0.668	0.623	6.7	49#	0.00
85		n-Butylbenzene	1.216	1.187	2.4	53	0.00
86	T	Hexachloroethane	0.266	0.236	11.3	47#	0.00
87	M	1,2-Dichlorobenzene	0.662	0.616	6.9	49#	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.109	1.8	49#	0.00
89		1,2,4-Trichlorobenzene	0.364	0.334	8.2	50#	0.00
90		Hexachlorobutadiene	0.135	0.106	21.5	44#	0.00
91	M	Naphthalene	1.385	1.274	8.0	49#	0.00
92		1,2,3-Trichlorobenzene	0.364	0.334	8.2	50#	0.00

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