Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
Data File : VN084174.D
Acq On : 26 Sep 2024 13:06
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 27 01:07:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 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	96	0.00
2	M	Dichlorodifluoromethane	2.009	1.513	24.7	73	0.00
3	M	Chloromethane	2.087	1.905	8.7	89	0.00
4	M	Vinyl Chloride	2.146	1.840	14.3	84	0.00
5	M	Bromomethane	1.199	1.189	0.8	96	0.05
6	M	Chloroethane	1.437	1.165	18.9	81	0.04
7	M	Trichlorofluoromethane	3.598	2.803	22.1	78	0.04
8	T	Diethyl Ether	1.222	1.110	9.2	90	0.01
9		1,1,2-Trichlorotrifluoroeth	1.932	1.548	19.9	81	0.01
10	M	1,1-Dichloroethene	1.865	1.604	14.0	87	0.02
11		Methyl Iodide	2.533	2.017	20.4	80	0.00
12		Methyl Acetate	2.249	2.539	-12.9	118	0.00
13	M	Acrolein	0.328	0.360	-9.8	99	0.00
14	M	Acrylonitrile	0.910	0.972	-6.8	107	0.01
15	M	Acetone	0.302	0.269	10.9	95	0.00
16	M	Carbon Disulfide	5.269	4.392	16.6	82	0.02
17		Allyl chloride	3.270	2.595	20.6	80	0.01
18	M	Methylene Chloride	2.040	1.971	3.4	96	0.01
19	M	trans-1,2-Dichloroethene	1.932	1.685	12.8	86	0.01
20	T	Diisopropyl ether	6.603	6.432	2.6	101	0.00
21	M	1,1-Dichloroethane	3.770	3.539	6.1	94	0.00
22	M	cis-1,2-Dichloroethene	2.352	2.086	11.3	87	0.00
23	M	tert-Butyl Alcohol	0.334	0.352	-5.4	103	0.00
24	M	Methyl tert-Butyl Ether	6.626	5.897	11.0	88	0.00
25	M	Chloroform	3.995	3.749	6.2	93	0.00
26		Cyclohexane	3.320	2.311	30.4#	70	0.00
27	s	1,2-Dichloroethane-d4	2.742	2.603	5.1	90	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29		1,1-Dichloropropene	0.476	0.449	5.7	82	0.00
30	M	2-Butanone	0.224	0.257	-14.7	101	0.00
31		2,2-Dichloropropane	0.607	0.500	17.6	73	0.00
32	M	1,1,1-Trichloroethane	0.635	0.611	3.8	84	0.00
33	M	Carbon Tetrachloride	0.550	0.513	6.7	82	0.00
34	M	Benzene	1.428	1.512	-5.9	91	0.00
35		Methacrylonitrile	0.252	0.301	-19.4	101	0.00
36	M	1,2-Dichloroethane	0.537	0.562	-4.7	91	0.00
37	M	Trichloroethene	0.335	0.339	-1.2	90	0.00
38		Methylcyclohexane	0.570	0.421	26.1#	66	0.00
39	M	1,2-Dichloropropane	0.344	0.384	-11.6	97	0.00
40		Dibromomethane	0.251	0.276	-10.0	93	0.00
41	M	Bromodichloromethane	0.534	0.584	-9.4	97	0.00
42	M	Vinyl Acetate	0.922	0.890	3.5	91	0.00
43		Ethyl Acetate	0.451	0.518	-14.9	99	0.00
44		Isopropyl Acetate	0.781	0.872	-11.7	98	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	94	0.00
46		Methyl methacrylate	0.378	0.411	-8.7	97	0.00
47		n-amyl Acetate	0.692	0.768	-11.0	98	0.00
48	M	t-1,3-Dichloropropene	0.562	0.571	-1.6	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.584	0.610	-4.5	93	0.00
50	M	1,1,2-Trichloroethane	0.320	0.369	-15.3	100	0.00
51		Ethyl methacrylate	0.546	0.568	-4.0	89	0.00
52		1,3-Dichloropropane	0.577	0.648	-12.3	97	0.00
53	M	Dibromochloromethane	0.383	0.431	-12.5	101	0.00
54	M	1,2-Dibromoethane	0.331	0.367	-10.9	97	0.00
55	M	2-Chloroethyl vinyl ether	0.218	0.355	-62.8#	127	0.00
56	M	Bromoform	0.244	0.272	-11.5	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58	M	4-Methyl-2-Pentanone	0.476	0.559	-17.4	107	0.00
59	M	2-Hexanone	0.359	0.407	-13.4	105	0.00
60	S	4-Bromofluorobenzene	0.517	0.523	-1.2	91	0.00
61	M	Tetrachloroethene	0.317	0.311	1.9	94	0.00
62	M	Toluene	1.724	1.672	3.0	90	0.00
63	S	Toluene-d8	1.389	1.402	-0.9	89	0.00
64	M	Chlorobenzene	1.068	1.045	2.2	91	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.378	-1.6	95	0.00
66	M	Ethyl Benzene	1.961	1.740	11.3	85	0.00
67	M	m/p-Xylenes	0.721	0.669	7.2	87	0.00
68	M	o-Xylene	0.698	0.632	9.5	83	0.00
69	M	Styrene	1.180	1.130	4.2	90	0.00
70		Isopropylbenzene	1.843	1.596	13.4	82	0.00
71	M	1,1,2,2-Tetrachloroethane	0.503	0.541	-7.6	98	0.00
72		1,2,3-Trichloropropane	0.441	0.481	-9.1	100	0.00
73		Bromobenzene	0.423	0.412	2.6	91	0.00
74		n-propylbenzene	2.157	1.952	9.5	86	0.00
75		2-Chlorotoluene	1.346	1.269	5.7	89	0.00
76		1,3,5-Trimethylbenzene	1.539	1.374	10.7	83	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.187	0.0	96	0.00
78		4-Chlorotoluene	1.365	1.289	5.6	90	0.00
79		tert-butylbenzene	1.346	1.082	19.6	74	0.00
80		1,2,4-Trimethylbenzene	1.555	1.386	10.9	84	0.00
81		sec-Butylbenzene	1.839	1.573	14.5	83	0.00
82		p-Isopropyltoluene	1.547	1.297	16.2	81	0.00
83	M	1,3-Dichlorobenzene	0.815	0.770	5.5	90	0.00
84	M	1,4-Dichlorobenzene	0.814	0.763	6.3	89	0.00
85		n-Butylbenzene	1.365	1.116	18.2	81	0.00
86	T	Hexachloroethane	0.293	0.261	10.9	86	0.00
87	M	1,2-Dichlorobenzene	0.791	0.759	4.0	91	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.110	0.9	93	0.00
89		1,2,4-Trichlorobenzene	0.433	0.370	14.5	82	0.00
90		Hexachlorobutadiene	0.179	0.156	12.8	86	0.00
91	M	Naphthalene	1.416	1.152	18.6	78	0.00
92		1,2,3-Trichlorobenzene	0.433	0.370	14.5	82	0.00

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