Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
Data File : VN080984.D
Acq On : 09 Feb 2024 12:27
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924

Quant Time: Feb 10 01:55:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 10 01:52:21 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	90	0.00
2	M	Dichlorodifluoromethane	2.040	2.113	-3.6	102	0.00
3	M	Chloromethane	2.050	2.157	-5.2	102	0.00
4	M	Vinyl Chloride	2.444	2.615	-7.0	103	0.00
5	M	Bromomethane	1.642	1.695	-3.2	97	0.04
6	M	Chloroethane	1.593	1.719	-7.9	102	0.02
7	M	Trichlorofluoromethane	3.218	3.329	-3.4	95	0.01
8	T	Diethyl Ether	1.131	1.107	2.1	92	0.00
9		1,1,2-Trichlorotrifluoroeth	1.747	1.791	-2.5	94	0.01
10	M	1,1-Dichloroethene	1.712	1.793	-4.7	96	0.00
11		Methyl Iodide	1.834	1.673	8.8	89	0.00
12		Methyl Acetate	1.551	1.546	0.3	96	0.00
13	M	Acrolein	0.338	0.283	16.3	75	0.00
14	M	Acrylonitrile	0.770	0.783	-1.7	96	0.00
15	M	Acetone	0.177	0.182	-2.8	97	0.00
16	M	Carbon Disulfide	4.698	4.561	2.9	89	0.01
17		Allyl chloride	2.150	2.253	-4.8	97	0.00
18	M	Methylene Chloride	1.956	1.912	2.2	89	0.00
19	M	trans-1,2-Dichloroethene	1.943	1.928	0.8	90	0.01
20	T	Diisopropyl ether	5.168	5.392	-4.3	99	0.00
21	M	1,1-Dichloroethane	3.312	3.400	-2.7	95	0.00
22	M	cis-1,2-Dichloroethene	2.258	2.311	-2.3	93	0.00
23	M	tert-Butyl Alcohol	0.281	0.305	-8.5	100	0.00
24	M	Methyl tert-Butyl Ether	5.675	5.742	-1.2	94	0.00
25	M	Chloroform	3.674	3.848	-4.7	95	0.00
26		Cyclohexane	2.494	2.674	-7.2	97	0.00
27	s	1,2-Dichloroethane-d4	2.254	2.308	-2.4	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29		1,1-Dichloropropene	0.447	0.462	-3.4	94	0.00
30	M	2-Butanone	0.164	0.167	-1.8	95	0.00
31		2,2-Dichloropropane	0.509	0.549	-7.9	99	0.00
32	M	1,1,1-Trichloroethane	0.562	0.584	-3.9	96	0.00
33	M	Carbon Tetrachloride	0.474	0.493	-4.0	95	0.00
34	M	Benzene	1.366	1.417	-3.7	95	0.00
35		Methacrylonitrile	0.193	0.200	-3.6	100	0.00
36	M	1,2-Dichloroethane	0.458	0.480	-4.8	95	0.00
37	M	Trichloroethene	0.363	0.383	-5.5	94	0.00
38		Methylcyclohexane	0.446	0.465	-4.3	96	0.00
39	M	1,2-Dichloropropane	0.324	0.334	-3.1	94	0.00
40		Dibromomethane	0.246	0.259	-5.3	96	0.00
41	M	Bromodichloromethane	0.482	0.489	-1.5	95	0.00
42	M	Vinyl Acetate	0.701	0.715	-2.0	97	0.00
43		Ethyl Acetate	0.341	0.351	-2.9	94	0.00
44		Isopropyl Acetate	0.614	0.630	-2.6	96	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	100	0.00
46		Methyl methacrylate	0.281	0.281	0.0	95	0.00
47		n-amyl Acetate	0.535	0.526	1.7	92	0.00
48	M	t-1,3-Dichloropropene	0.505	0.521	-3.2	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.548	0.552	-0.7	93	0.00
50	M	1,1,2-Trichloroethane	0.341	0.339	0.6	93	0.00
51		Ethyl methacrylate	0.477	0.466	2.3	92	0.00
52		1,3-Dichloropropane	0.563	0.576	-2.3	94	0.00
53	M	Dibromochloromethane	0.372	0.357	4.0	91	0.00
54	M	1,2-Dibromoethane	0.353	0.355	-0.6	95	0.00
55	M	2-Chloroethyl vinyl ether	0.244	0.239	2.0	92	0.00
56	M	Bromoform	0.237	0.214	9.7	87	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.389	0.410	-5.4	96	0.00
59	M	2-Hexanone	0.286	0.309	-8.0	100	0.00
60	S	4-Bromofluorobenzene	0.459	0.475	-3.5	90	0.00
61	M	Tetrachloroethene	0.343	0.363	-5.8	93	0.00
62	M	Toluene	1.643	1.721	-4.7	93	0.00
63	S	Toluene-d8	1.346	1.387	-3.0	90	0.00
64	M	Chlorobenzene	1.006	1.044	-3.8	92	0.00
65		1,1,1,2-Tetrachloroethane	0.373	0.378	-1.3	90	0.00
66	M	Ethyl Benzene	1.728	1.825	-5.6	93	0.00
67	M	m/p-Xylenes	0.679	0.702	-3.4	90	0.00
68	M	o-Xylene	0.665	0.686	-3.2	93	0.00
69	M	Styrene	1.095	1.122	-2.5	92	0.00
70		Isopropylbenzene	1.621	1.674	-3.3	91	0.00
71	M	1,1,2,2-Tetrachloroethane	0.500	0.506	-1.2	91	0.00
72		1,2,3-Trichloropropane	0.391	0.405	-3.6	96	0.00
73		Bromobenzene	0.403	0.413	-2.5	90	0.00
74		n-propylbenzene	1.842	1.905	-3.4	91	0.00
75		2-Chlorotoluene	1.143	1.204	-5.3	92	0.00
76		1,3,5-Trimethylbenzene	1.326	1.376	-3.8	91	0.00
77		t-1,4-Dichloro-2-butene	0.148	0.147	0.7	93	0.00
78		4-Chlorotoluene	1.145	1.198	-4.6	91	0.00
79		tert-butylbenzene	1.101	1.115	-1.3	87	0.00
80		1,2,4-Trimethylbenzene	1.321	1.401	-6.1	93	0.00
81		sec-Butylbenzene	1.541	1.607	-4.3	91	0.00
82		p-Isopropyltoluene	1.294	1.315	-1.6	91	0.00
83	M	1,3-Dichlorobenzene	0.725	0.735	-1.4	87	0.00
84	M	1,4-Dichlorobenzene	0.728	0.730	-0.3	87	0.00
85		n-Butylbenzene	1.068	1.110	-3.9	93	0.00
86	T	Hexachloroethane	0.204	0.196	3.9	87	0.00
87	M	1,2-Dichlorobenzene	0.706	0.719	-1.8	92	0.00
88		1,2-Dibromo-3-Chloropropane	0.090	0.095	-5.6	103	0.00
89		1,2,4-Trichlorobenzene	0.345	0.332	3.8	84	0.00
90		Hexachlorobutadiene	0.151	0.144	4.6	85	0.00
91	M	Naphthalene	1.226	1.173	4.3	86	0.00
92		1,2,3-Trichlorobenzene	0.345	0.332	3.8	84	0.00

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