Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084343.D
Acq On : 08 Oct 2024 12:09
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100824

Quant Time: Oct 09 02:27:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:21:08 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	103	0.00
2	M	Dichlorodifluoromethane	1.832	1.811	1.1	97	0.00
3	M	Chloromethane	2.084	2.079	0.2	100	0.00
4	M	Vinyl Chloride	2.044	2.070	-1.3	102	0.00
5	M	Bromomethane	1.354	1.335	1.4	97	0.00
6	M	Chloroethane	1.340	1.370	-2.2	101	0.00
7	M	Trichlorofluoromethane	3.329	3.232	2.9	98	0.00
8	T	Diethyl Ether	1.224	1.196	2.3	100	0.00
9		1,1,2-Trichlorotrifluoroeth	1.872	1.922	-2.7	105	0.01
10	M	1,1-Dichloroethene	1.868	1.806	3.3	102	0.00
11		Methyl Iodide	2.455	2.363	3.7	99	0.00
12		Methyl Acetate	2.339	2.219	5.1	100	0.00
13	M	Acrolein	0.434	0.410	5.5	105	0.00
14	M	Acrylonitrile	1.051	0.975	7.2	94	0.00
15	M	Acetone	0.300	0.333	-11.0	120	0.00
16	M	Carbon Disulfide	5.562	5.286	5.0	96	0.00
17		Allyl chloride	3.028	2.886	4.7	96	0.00
18	M	Methylene Chloride	2.104	2.118	-0.7	102	0.00
19	M	trans-1,2-Dichloroethene	1.977	1.921	2.8	99	0.00
20	T	Diisopropyl ether	6.510	6.628	-1.8	103	0.00
21	M	1,1-Dichloroethane	3.736	3.726	0.3	100	0.00
22	M	cis-1,2-Dichloroethene	2.300	2.294	0.3	100	0.00
23	M	tert-Butyl Alcohol	0.403	0.361	10.4	94	0.00
24	M	Methyl tert-Butyl Ether	6.242	6.148	1.5	101	0.00
25	M	Chloroform	3.783	3.847	-1.7	102	0.00
26		Cyclohexane	3.124	2.957	5.3	93	0.00
27	s	1,2-Dichloroethane-d4	2.415	2.416	-0.0	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.492	0.493	-0.2	100	0.00
30	M	2-Butanone	0.262	0.264	-0.8	103	0.00
31		2,2-Dichloropropane	0.579	0.608	-5.0	106	0.00
32	M	1,1,1-Trichloroethane	0.629	0.647	-2.9	100	0.00
33	M	Carbon Tetrachloride	0.545	0.546	-0.2	101	0.00
34	M	Benzene	1.542	1.557	-1.0	100	0.00
35		Methacrylonitrile	0.280	0.273	2.5	100	0.00
36	M	1,2-Dichloroethane	0.514	0.522	-1.6	100	0.00
37	M	Trichloroethene	0.355	0.360	-1.4	99	0.00
38		Methylcyclohexane	0.541	0.536	0.9	103	0.00
39	M	1,2-Dichloropropane	0.376	0.384	-2.1	100	0.00
40		Dibromomethane	0.263	0.266	-1.1	101	0.00
41	M	Bromodichloromethane	0.558	0.560	-0.4	100	0.00
42	M	Vinyl Acetate	0.912	0.901	1.2	102	0.00
43		Ethyl Acetate	0.517	0.490	5.2	96	0.00
44		Isopropyl Acetate	0.846	0.822	2.8	98	0.00
45	T	1,4-Dioxane	0.008	0.007	12.5	96	0.00
46		Methyl methacrylate	0.409	0.396	3.2	98	0.00
47		n-amyl Acetate	0.753	0.731	2.9	99	0.00
48	M	t-1,3-Dichloropropene	0.576	0.579	-0.5	103	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.604	0.622	-3.0	102	0.00
50	M	1,1,2-Trichloroethane	0.353	0.354	-0.3	100	0.00
51		Ethyl methacrylate	0.583	0.573	1.7	100	0.00
52		1,3-Dichloropropane	0.617	0.620	-0.5	99	0.00
53	M	Dibromochloromethane	0.417	0.422	-1.2	102	0.00
54	M	1,2-Dibromoethane	0.364	0.355	2.5	96	0.00
55	M	2-Chloroethyl vinyl ether	0.265	0.233	12.1	93	0.00
56	M	Bromoform	0.277	0.278	-0.4	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.559	0.544	2.7	97	0.00
59	M	2-Hexanone	0.415	0.413	0.5	101	0.00
60	S	4-Bromofluorobenzene	0.495	0.508	-2.6	103	0.00
61	M	Tetrachloroethene	0.339	0.347	-2.4	102	0.00
62	M	Toluene	1.756	1.805	-2.8	102	0.00
63	S	Toluene-d8	1.390	1.407	-1.2	101	0.00
64	M	Chlorobenzene	1.093	1.091	0.2	100	0.00
65		1,1,1,2-Tetrachloroethane	0.380	0.383	-0.8	100	0.00
66	M	Ethyl Benzene	1.908	1.912	-0.2	101	0.00
67	M	m/p-Xylenes	0.724	0.749	-3.5	103	0.00
68	M	o-Xylene	0.698	0.700	-0.3	101	0.00
69	M	Styrene	1.198	1.205	-0.6	102	0.00
70		Isopropylbenzene	1.781	1.774	0.4	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.551	0.549	0.4	100	0.00
72		1,2,3-Trichloropropane	0.472	0.532	-12.7	114	0.00
73		Bromobenzene	0.431	0.431	0.0	101	0.00
74		n-propylbenzene	2.123	2.172	-2.3	103	0.00
75		2-Chlorotoluene	1.319	1.319	0.0	100	0.00
76		1,3,5-Trimethylbenzene	1.500	1.514	-0.9	102	0.00
77		t-1,4-Dichloro-2-butene	0.202	0.190	5.9	102	0.00
78		4-Chlorotoluene	1.341	1.341	0.0	101	0.00
79		tert-butylbenzene	1.279	1.292	-1.0	102	0.00
80		1,2,4-Trimethylbenzene	1.522	1.552	-2.0	103	0.00
81		sec-Butylbenzene	1.762	1.768	-0.3	101	0.00
82		p-Isopropyltoluene	1.483	1.484	-0.1	103	0.00
83	M	1,3-Dichlorobenzene	0.802	0.800	0.2	101	0.00
84	M	1,4-Dichlorobenzene	0.796	0.772	3.0	101	0.00
85		n-Butylbenzene	1.284	1.234	3.9	103	0.00
86	T	Hexachloroethane	0.286	0.291	-1.7	104	0.00
87	M	1,2-Dichlorobenzene	0.775	0.760	1.9	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.113	0.106	6.2	96	0.00
89		1,2,4-Trichlorobenzene	0.403	0.364	9.7	95	0.00
90		Hexachlorobutadiene	0.187	0.180	3.7	104	0.00
91	M	Naphthalene	1.366	1.147	16.0	89	0.00
92		1,2,3-Trichlorobenzene	0.403	0.364	9.7	95	0.00

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