Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083695.D
Acq On : 06 Sep 2024 14:35
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Quant Time: Sep 06 23:45:57 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	102	0.00
2	M	Dichlorodifluoromethane	2.009	1.839	8.5	95	0.00
3	M	Chloromethane	2.087	1.948	6.7	97	0.00
4	M	Vinyl Chloride	2.146	1.998	6.9	97	0.00
5	M	Bromomethane	1.199	1.074	10.4	92	0.00
6	M	Chloroethane	1.437	1.348	6.2	100	-0.01
7	M	Trichlorofluoromethane	3.598	3.323	7.6	98	0.00
8	T	Diethyl Ether	1.222	1.149	6.0	99	0.00
9		1,1,2-Trichlorotrifluoroeth	1.932	1.786	7.6	99	0.00
10	M	1,1-Dichloroethene	1.865	1.713	8.2	98	0.00
11		Methyl Iodide	2.533	2.323	8.3	97	-0.01
12		Methyl Acetate	2.249	2.046	9.0	101	0.00
13	M	Acrolein	0.328	0.344	-4.9	100	0.00
14	M	Acrylonitrile	0.910	0.826	9.2	97	0.00
15	M	Acetone	0.302	0.257	14.9	96	0.00
16	M	Carbon Disulfide	5.269	4.587	12.9	91	0.00
17		Allyl chloride	3.270	2.876	12.0	94	0.00
18	M	Methylene Chloride	2.040	1.855	9.1	95	0.00
19	M	trans-1,2-Dichloroethene	1.932	1.739	10.0	94	0.00
20	T	Diisopropyl ether	6.603	5.870	11.1	97	0.00
21	M	1,1-Dichloroethane	3.770	3.458	8.3	98	0.00
22	M	cis-1,2-Dichloroethene	2.352	2.133	9.3	95	0.00
23	M	tert-Butyl Alcohol	0.334	0.313	6.3	97	0.00
24	M	Methyl tert-Butyl Ether	6.626	6.093	8.0	96	0.00
25	M	Chloroform	3.995	3.629	9.2	95	0.00
26		Cyclohexane	3.320	3.016	9.2	97	0.00
27	s	1,2-Dichloroethane-d4	2.742	2.781	-1.4	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.476	0.425	10.7	94	0.00
30	M	2-Butanone	0.224	0.199	11.2	95	0.00
31		2,2-Dichloropropane	0.607	0.552	9.1	97	0.00
32	M	1,1,1-Trichloroethane	0.635	0.576	9.3	96	0.00
33	M	Carbon Tetrachloride	0.550	0.501	8.9	97	0.00
34	M	Benzene	1.428	1.316	7.8	96	0.00
35		Methacrylonitrile	0.252	0.237	6.0	97	0.00
36	M	1,2-Dichloroethane	0.537	0.500	6.9	98	0.00
37	M	Trichloroethene	0.335	0.308	8.1	99	0.00
38		Methylcyclohexane	0.570	0.508	10.9	96	0.00
39	M	1,2-Dichloropropane	0.344	0.325	5.5	100	0.00
40		Dibromomethane	0.251	0.230	8.4	94	0.00
41	M	Bromodichloromethane	0.534	0.483	9.6	97	0.00
42	M	Vinyl Acetate	0.922	0.765	17.0	94	0.00
43		Ethyl Acetate	0.451	0.416	7.8	96	0.00
44		Isopropyl Acetate	0.781	0.710	9.1	96	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	97	0.00
46		Methyl methacrylate	0.378	0.351	7.1	100	0.00
47		n-amyl Acetate	0.692	0.636	8.1	99	0.00
48	M	t-1,3-Dichloropropene	0.562	0.478	14.9	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.584	0.519	11.1	96	0.00
50	M	1,1,2-Trichloroethane	0.320	0.295	7.8	97	0.00
51		Ethyl methacrylate	0.546	0.489	10.4	93	0.00
52		1,3-Dichloropropane	0.577	0.521	9.7	95	0.00
53	M	Dibromochloromethane	0.383	0.345	9.9	98	0.00
54	M	1,2-Dibromoethane	0.331	0.299	9.7	96	0.00
55	M	2-Chloroethyl vinyl ether	0.218	0.194	11.0	84	0.00
56	M	Bromoform	0.244	0.211	13.5	94	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.476	0.446	6.3	97	0.00
59	M	2-Hexanone	0.359	0.328	8.6	96	0.00
60	S	4-Bromofluorobenzene	0.517	0.506	2.1	100	0.00
61	M	Tetrachloroethene	0.317	0.280	11.7	96	0.00
62	M	Toluene	1.724	1.569	9.0	96	0.00
63	S	Toluene-d8	1.389	1.390	-0.1	100	0.00
64	M	Chlorobenzene	1.068	0.954	10.7	94	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.348	6.5	99	0.00
66	M	Ethyl Benzene	1.961	1.745	11.0	97	0.00
67	M	m/p-Xylenes	0.721	0.651	9.7	96	0.00
68	M	o-Xylene	0.698	0.635	9.0	95	0.00
69	M	Styrene	1.180	1.031	12.6	93	0.00
70		Isopropylbenzene	1.843	1.681	8.8	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.503	0.462	8.2	95	0.00
72		1,2,3-Trichloropropane	0.441	0.408	7.5	96	0.00
73		Bromobenzene	0.423	0.365	13.7	92	0.00
74		n-propylbenzene	2.157	1.891	12.3	95	0.00
75		2-Chlorotoluene	1.346	1.213	9.9	96	0.00
76		1,3,5-Trimethylbenzene	1.539	1.379	10.4	94	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.156	16.6	91	0.00
78		4-Chlorotoluene	1.365	1.195	12.5	94	0.00
79		tert-butylbenzene	1.346	1.180	12.3	92	0.00
80		1,2,4-Trimethylbenzene	1.555	1.383	11.1	95	0.00
81		sec-Butylbenzene	1.839	1.633	11.2	97	0.00
82		p-Isopropyltoluene	1.547	1.363	11.9	97	0.00
83	M	1,3-Dichlorobenzene	0.815	0.717	12.0	95	0.00
84	M	1,4-Dichlorobenzene	0.814	0.674	17.2	89	0.00
85		n-Butylbenzene	1.365	1.136	16.8	94	0.00
86	T	Hexachloroethane	0.293	0.260	11.3	97	0.00
87	M	1,2-Dichlorobenzene	0.791	0.694	12.3	95	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.100	9.9	96	0.00
89		1,2,4-Trichlorobenzene	0.433	0.343	20.8	86	0.00
90		Hexachlorobutadiene	0.179	0.150	16.2	93	0.00
91	M	Naphthalene	1.416	1.147	19.0	88	0.00
92		1,2,3-Trichlorobenzene	0.433	0.343	20.8	86	0.00

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