Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081900.D
Acq On : 27 Apr 2024 03:09
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042624

Quant Time: May 14 11:31:00 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	103	0.00
2	M	Dichlorodifluoromethane	1.703	1.629	4.3	99	0.00
3	M	Chloromethane	1.975	1.885	4.6	101	0.00
4	M	Vinyl Chloride	1.866	1.760	5.7	101	0.00
5	M	Bromomethane	0.974	0.856	12.1	90	0.05
6	M	Chloroethane	1.056	0.971	8.0	93	0.04
7	M	Trichlorofluoromethane	2.730	2.591	5.1	97	0.02
8	T	Diethyl Ether	1.322	1.244	5.9	96	0.00
9		1,1,2-Trichlorotrifluoroeth	1.874	1.798	4.1	97	0.00
10	M	1,1-Dichloroethene	1.833	1.759	4.0	101	0.01
11		Methyl Iodide	1.675	1.423	15.0	100	0.01
12		Methyl Acetate	2.344	2.199	6.2	101	0.00
13	M	Acrolein	0.488	0.431	11.7	96	0.01
14	M	Acrylonitrile	1.046	0.989	5.4	97	0.00
15	M	Acetone	0.236	0.221	6.4	95	0.00
16	M	Carbon Disulfide	5.073	4.589	9.5	97	0.00
17		Allyl chloride	3.281	3.033	7.6	92	0.01
18	M	Methylene Chloride	2.083	1.947	6.5	100	0.00
19	M	trans-1,2-Dichloroethene	1.908	1.794	6.0	103	0.02
20	T	Diisopropyl ether	7.112	6.748	5.1	99	0.00
21	M	1,1-Dichloroethane	3.766	3.631	3.6	98	0.00
22	M	cis-1,2-Dichloroethene	2.331	2.229	4.4	102	0.00
23	M	tert-Butyl Alcohol	0.431	0.427	0.9	97	-0.01
24	M	Methyl tert-Butyl Ether	6.602	6.401	3.0	98	0.00
25	M	Chloroform	3.623	3.460	4.5	98	0.00
26		Cyclohexane	3.237	3.072	5.1	100	0.00
27	s	1,2-Dichloroethane-d4	2.512	2.461	2.0	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.447	0.420	6.0	98	0.00
30	M	2-Butanone	0.230	0.226	1.7	99	0.00
31		2,2-Dichloropropane	0.458	0.428	6.6	99	0.00
32	M	1,1,1-Trichloroethane	0.514	0.499	2.9	100	0.00
33	M	Carbon Tetrachloride	0.417	0.401	3.8	98	0.00
34	M	Benzene	1.425	1.387	2.7	99	0.00
35		Methacrylonitrile	0.291	0.270	7.2	97	0.00
36	M	1,2-Dichloroethane	0.478	0.454	5.0	99	0.00
37	M	Trichloroethene	0.349	0.326	6.6	97	0.00
38		Methylcyclohexane	0.540	0.517	4.3	99	0.00
39	M	1,2-Dichloropropane	0.366	0.357	2.5	104	0.00
40		Dibromomethane	0.235	0.235	0.0	106	0.00
41	M	Bromodichloromethane	0.502	0.477	5.0	100	0.00
42	M	Vinyl Acetate	0.980	0.917	6.4	98	0.00
43		Ethyl Acetate	0.504	0.428	15.1	90	0.00
44		Isopropyl Acetate	0.891	0.843	5.4	97	0.00
45	T	1,4-Dioxane	0.007	0.007	0.0	101	0.00
46		Methyl methacrylate	0.407	0.400	1.7	102	0.00
47		n-amyl Acetate	0.804	0.762	5.2	100	0.00
48	M	t-1,3-Dichloropropene	0.544	0.503	7.5	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.576	0.548	4.9	99	0.00
50	M	1,1,2-Trichloroethane	0.319	0.317	0.6	102	0.00
51		Ethyl methacrylate	0.601	0.571	5.0	99	0.00
52		1,3-Dichloropropane	0.585	0.550	6.0	98	0.00
53	M	Dibromochloromethane	0.347	0.331	4.6	103	0.00
54	M	1,2-Dibromoethane	0.318	0.304	4.4	99	0.00
55	M	2-Chloroethyl vinyl ether	0.301	0.284	5.6	97	0.00
56	M	Bromoform	0.211	0.193	8.5	95	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.582	0.566	2.7	98	0.00
59	M	2-Hexanone	0.432	0.423	2.1	99	0.00
60	S	4-Bromofluorobenzene	0.499	0.486	2.6	103	0.00
61	M	Tetrachloroethene	0.333	0.327	1.8	97	0.00
62	M	Toluene	1.688	1.644	2.6	100	0.00
63	S	Toluene-d8	1.425	1.451	-1.8	104	0.00
64	M	Chlorobenzene	1.032	1.005	2.6	99	0.00
65		1,1,1,2-Tetrachloroethane	0.338	0.328	3.0	98	0.00
66	M	Ethyl Benzene	1.850	1.829	1.1	98	0.00
67	M	m/p-Xylenes	0.686	0.671	2.2	99	0.00
68	M	o-Xylene	0.679	0.648	4.6	95	0.00
69	M	Styrene	1.139	1.118	1.8	101	0.00
70		Isopropylbenzene	1.724	1.666	3.4	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.496	0.468	5.6	93	0.00
72		1,2,3-Trichloropropane	0.406	0.383	5.7	100	0.00
73		Bromobenzene	0.369	0.347	6.0	98	0.00
74		n-propylbenzene	2.035	1.975	2.9	98	0.00
75		2-Chlorotoluene	1.258	1.218	3.2	99	0.00
76		1,3,5-Trimethylbenzene	1.395	1.363	2.3	98	0.00
77		t-1,4-Dichloro-2-butene	0.207	0.187	9.7	95	0.00
78		4-Chlorotoluene	1.233	1.213	1.6	102	0.00
79		tert-butylbenzene	1.201	1.176	2.1	98	0.00
80		1,2,4-Trimethylbenzene	1.401	1.364	2.6	100	0.00
81		sec-Butylbenzene	1.684	1.618	3.9	98	0.00
82		p-Isopropyltoluene	1.332	1.299	2.5	98	0.00
83	M	1,3-Dichlorobenzene	0.664	0.639	3.8	96	0.00
84	M	1,4-Dichlorobenzene	0.668	0.631	5.5	96	0.00
85		n-Butylbenzene	1.216	1.123	7.6	96	0.00
86	T	Hexachloroethane	0.266	0.246	7.5	94	0.00
87	M	1,2-Dichlorobenzene	0.662	0.625	5.6	96	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.096	13.5	84	0.00
89		1,2,4-Trichlorobenzene	0.364	0.339	6.9	97	0.00
90		Hexachlorobutadiene	0.135	0.119	11.9	96	0.00
91	M	Naphthalene	1.385	1.256	9.3	92	0.00
92		1,2,3-Trichlorobenzene	0.364	0.339	6.9	97	0.00

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