Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
Data File : VN072663.D
Acq On : 06 Jun 2022 14:36
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060622

Quant Time: Jun 07 06:24:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	97	0.00
2	M	Dichlorodifluoromethane	2.247	2.173	3.3	94	0.00
3	M	Chloromethane	2.444	2.343	4.1	94	0.00
4	M	Vinyl Chloride	2.204	2.097	4.9	92	0.00
5	M	Bromomethane	1.140	1.124	1.4	98	0.00
6	M	Chloroethane	1.469	1.376	6.3	85	0.00
7	M	Trichlorofluoromethane	3.984	3.918	1.7	95	0.00
8	T	Diethyl Ether	1.544	1.516	1.8	95	0.00
9		1,1,2-Trichlorotrifluoroeth	2.099	2.189	-4.3	101	0.00
10	M	1,1-Dichloroethene	1.982	1.941	2.1	97	0.00
11		Methyl Iodide	1.984	1.768	10.9	83	0.00
12		Methyl Acetate	4.089	3.857	5.7	94	0.00
13	M	Acrolein	0.358	0.309	13.7	90	0.00
14	M	Acrylonitrile	1.667	1.601	4.0	92	0.00
15	M	Acetone	0.451	0.428	5.1	91	0.00
16	M	Carbon Disulfide	4.997	4.612	7.7	95	0.00
17		Allyl chloride	4.282	4.193	2.1	95	0.00
18	M	Methylene Chloride	2.489	2.421	2.7	93	0.00
19	M	trans-1,2-Dichloroethene	2.145	2.046	4.6	92	0.00
20	T	Diisopropyl ether	8.480	8.518	-0.4	95	0.00
21	M	1,1-Dichloroethane	4.711	4.632	1.7	96	0.00
22	M	cis-1,2-Dichloroethene	2.687	2.642	1.7	94	0.00
23	M	tert-Butyl Alcohol	0.776	0.750	3.4	90	0.00
24	M	Methyl tert-Butyl Ether	8.815	8.831	-0.2	96	0.00
25	M	Chloroform	4.840	4.850	-0.2	96	0.00
26		Cyclohexane	3.928	3.968	-1.0	98	0.00
27	s	1,2-Dichloroethane-d4	3.421	3.385	1.1	93	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29		1,1-Dichloropropene	0.572	0.570	0.3	96	0.00
30	M	2-Butanone	0.414	0.406	1.9	93	0.00
31		2,2-Dichloropropane	0.774	0.761	1.7	93	0.00
32	M	1,1,1-Trichloroethane	0.748	0.748	0.0	95	0.00
33	M	Carbon Tetrachloride	0.645	0.632	2.0	93	0.00
34	M	Benzene	1.692	1.677	0.9	94	0.00
35		Methacrylonitrile	0.406	0.377	7.1	92	0.00
36	M	1,2-Dichloroethane	0.715	0.708	1.0	92	0.00
37	M	Trichloroethene	0.408	0.412	-1.0	98	0.00
38		Methylcyclohexane	0.683	0.679	0.6	96	0.00
39	M	1,2-Dichloropropane	0.465	0.468	-0.6	96	0.00
40		Dibromomethane	0.319	0.317	0.6	95	0.00
41	M	Bromodichloromethane	0.683	0.678	0.7	93	0.00
42	M	Vinyl Acetate	1.347	1.349	-0.1	94	0.00
43		Ethyl Acetate	0.793	0.770	2.9	90	0.00
44		Isopropyl Acetate	1.315	1.279	2.7	92	0.00
45	T	1,4-Dioxane	0.011	0.011#	0.0	90	0.00
46		Methyl methacrylate	0.588	0.555	5.6	92	0.00
47		n-amyl Acetate	1.007	0.964	4.3	98	0.00
48	M	t-1,3-Dichloropropene	0.779	0.751	3.6	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.791	0.783	1.0	96	0.00
50	M	1,1,2-Trichloroethane	0.451	0.439	2.7	91	0.00
51		Ethyl methacrylate	0.817	0.772	5.5	91	0.00
52		1,3-Dichloropropane	0.803	0.801	0.2	92	0.00
53	M	Dibromochloromethane	0.498	0.477	4.2	92	0.00
54	M	1,2-Dibromoethane	0.474	0.457	3.6	92	0.00
55	M	2-Chloroethyl vinyl ether	0.320	0.291	9.1	94	0.00
56	M	Bromoform	0.347	0.334	3.7	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58	M	4-Methyl-2-Pentanone	0.900	0.897	0.3	92	0.00
59	M	2-Hexanone	0.682	0.675	1.0	92	0.00
60	S	4-Bromofluorobenzene	0.617	0.619	-0.3	96	0.00
61	M	Tetrachloroethene	0.371	0.382	-3.0	94	0.00
62	M	Toluene	2.034	2.043	-0.4	94	0.00
63	S	Toluene-d8	1.662	1.681	-1.1	91	0.00
64	M	Chlorobenzene	1.238	1.231	0.6	94	0.00
65		1,1,1,2-Tetrachloroethane	0.488	0.490	-0.4	91	0.00
66	M	Ethyl Benzene	2.335	2.364	-1.2	95	0.00
67	M	m/p-Xylenes	0.852	0.865	-1.5	96	0.00
68	M	o-Xylene	0.869	0.883	-1.6	95	0.00
69	M	Styrene	1.379	1.381	-0.1	98	0.00
70		Isopropylbenzene	2.271	2.304	-1.5	96	0.00
71	M	1,1,2,2-Tetrachloroethane	0.769	0.804	-4.6	97	0.00
72		1,2,3-Trichloropropane	0.671	0.653	2.7	82	0.00
73		Bromobenzene	0.462	0.477	-3.2	99	0.00
74		n-propylbenzene	2.598	2.643	-1.7	99	0.00
75		2-Chlorotoluene	1.611	1.657	-2.9	99	0.00
76		1,3,5-Trimethylbenzene	1.864	1.938	-4.0	100	0.00
77		t-1,4-Dichloro-2-butene	0.283	0.276	2.5	96	0.00
78		4-Chlorotoluene	1.522	1.574	-3.4	102	0.00
79		tert-butylbenzene	1.664	1.686	-1.3	96	0.00
80		1,2,4-Trimethylbenzene	2.247	2.337	-4.0	102	0.00
81		sec-Butylbenzene	2.247	2.337	-4.0	102	0.00
82		p-Isopropyltoluene	1.794	1.863	-3.8	105	0.00
83	M	1,3-Dichlorobenzene	0.808	0.835	-3.3	105	0.00
84	M	1,4-Dichlorobenzene	0.785	0.810	-3.2	103	0.00
85		n-Butylbenzene	1.521	1.546	-1.6	105	0.00
86	T	Hexachloroethane	0.397	0.402	-1.3	97	0.00
87	M	1,2-Dichlorobenzene	0.800	0.822	-2.7	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.193	0.191	1.0	95	0.00
89		1,2,4-Trichlorobenzene	0.403	0.405	-0.5	104	0.00
90		Hexachlorobutadiene	0.181	0.188	-3.9	99	0.00
91	M	Naphthalene	1.608	1.569	2.4	101	0.00
92		1,2,3-Trichlorobenzene	0.410	0.418	-2.0	107	0.00

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