Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
Data File : VN079176.D
Acq On : 07 Sep 2023 13:27
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723

Quant Time: Sep 08 05:41:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
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	95	0.00
2	M	Dichlorodifluoromethane	1.673	1.651	1.3	101	0.00
3	M	Chloromethane	1.678	1.194	28.8#	72	0.00
4	M	Vinyl Chloride	1.660	1.337	19.5	82	0.00
5	M	Bromomethane	1.019	0.912	10.5	94	0.00
6	M	Chloroethane	1.017	0.971	4.5	98	0.00
7	M	Trichlorofluoromethane	1.976	1.881	4.8	97	0.00
8	T	Diethyl Ether	0.725	0.679	6.3	91	0.00
9		1,1,2-Trichlorotrifluoroeth	1.089	1.022	6.2	93	0.00
10	M	1,1-Dichloroethene	1.055	0.993	5.9	90	0.00
11		Methyl Iodide	1.329	1.332	-0.2	100	0.00
12		Methyl Acetate	2.459	2.335	5.0	97	0.00
13	M	Acrolein	0.224	0.199	11.2	82	0.00
14	M	Acrylonitrile	0.721	0.639	11.4	89	0.00
15	M	Acetone	0.188	0.185	1.6	96	0.00
16	M	Carbon Disulfide	3.118	2.938	5.8	94	0.00
17		Allyl chloride	1.696	1.586	6.5	88	0.01
18	M	Methylene Chloride	1.415	1.295	8.5	92	0.00
19	M	trans-1,2-Dichloroethene	1.320	1.171	11.3	86	0.00
20	T	Diisopropyl ether	5.062	3.776	25.4#	61	0.00
21	M	1,1-Dichloroethane	2.965	2.278	23.2	65	0.00
22	M	cis-1,2-Dichloroethene	2.065	2.105	-1.9	95	0.00
23	M	tert-Butyl Alcohol	0.278	0.252	9.4	93	0.00
24	M	Methyl tert-Butyl Ether	4.165	3.701	11.1	86	0.00
25	M	Chloroform	3.576	3.486	2.5	96	0.00
26		Cyclohexane	2.689	2.657	1.2	97	0.00
27	s	1,2-Dichloroethane-d4	2.254	2.198	2.5	96	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.481	0.463	3.7	98	0.00
30	M	2-Butanone	0.242	0.248	-2.5	97	0.00
31		2,2-Dichloropropane	0.480	0.502	-4.6	99	0.00
32	M	1,1,1-Trichloroethane	0.567	0.540	4.8	97	0.00
33	M	Carbon Tetrachloride	0.487	0.475	2.5	100	0.00
34	M	Benzene	1.528	1.444	5.5	96	0.00
35		Methacrylonitrile	0.260	0.252	3.1	94	0.00
36	M	1,2-Dichloroethane	0.504	0.468	7.1	98	0.00
37	M	Trichloroethene	0.361	0.344	4.7	102	0.00
38		Methylcyclohexane	0.481	0.468	2.7	99	0.00
39	M	1,2-Dichloropropane	0.394	0.378	4.1	98	0.00
40		Dibromomethane	0.260	0.248	4.6	98	0.00
41	M	Bromodichloromethane	0.518	0.497	4.1	98	0.00
42	M	Vinyl Acetate	0.575	0.435	24.3	65	0.00
43		Ethyl Acetate	0.459	0.484	-5.4	95	0.00
44		Isopropyl Acetate	0.827	0.788	4.7	99	0.00
45	T	1,4-Dioxane	0.008	0.008	0.0	104	0.00
46		Methyl methacrylate	0.369	0.367	0.5	100	0.00
47		n-amyl Acetate	0.581	0.576	0.9	106	0.00
48	M	t-1,3-Dichloropropene	0.561	0.514	8.4	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.585	0.579	1.0	104	0.00
50	M	1,1,2-Trichloroethane	0.365	0.356	2.5	99	0.00
51		Ethyl methacrylate	0.563	0.538	4.4	95	0.00
52		1,3-Dichloropropane	0.623	0.614	1.4	97	0.00
53	M	Dibromochloromethane	0.383	0.372	2.9	100	0.00
54	M	1,2-Dibromoethane	0.370	0.363	1.9	98	0.00
55	M	2-Chloroethyl vinyl ether	0.200	0.203	-1.5	104	0.00
56	M	Bromoform	0.267	0.257	3.7	103	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	0.551	0.553	-0.4	99	0.00
59	M	2-Hexanone	0.387	0.404	-4.4	98	0.00
60	S	4-Bromofluorobenzene	0.442	0.452	-2.3	94	0.00
61	M	Tetrachloroethene	0.326	0.328	-0.6	97	0.00
62	M	Toluene	1.747	1.705	2.4	97	0.00
63	S	Toluene-d8	1.402	1.415	-0.9	96	0.00
64	M	Chlorobenzene	1.019	0.998	2.1	98	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.388	0.5	100	0.00
66	M	Ethyl Benzene	1.759	1.795	-2.0	99	0.00
67	M	m/p-Xylenes	0.662	0.671	-1.4	98	0.00
68	M	o-Xylene	0.638	0.674	-5.6	112	0.00
69	M	Styrene	1.018	1.080	-6.1	108	0.00
70		Isopropylbenzene	1.622	1.661	-2.4	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.607	0.597	1.6	98	0.00
72		1,2,3-Trichloropropane	0.511	0.483	5.5	98	0.00
73		Bromobenzene	0.405	0.390	3.7	94	0.00
74		n-propylbenzene	1.848	1.898	-2.7	98	0.00
75		2-Chlorotoluene	1.185	1.201	-1.4	98	0.00
76		1,3,5-Trimethylbenzene	1.341	1.378	-2.8	97	0.00
77		t-1,4-Dichloro-2-butene	0.180	0.182	-1.1	98	0.00
78		4-Chlorotoluene	1.119	1.128	-0.8	97	0.00
79		tert-butylbenzene	1.101	1.089	1.1	91	0.00
80		1,2,4-Trimethylbenzene	1.281	1.237	3.4	90	0.00
81		sec-Butylbenzene	1.506	1.387	7.9	86	0.00
82		p-Isopropyltoluene	1.190	0.996	16.3	78	0.00
83	M	1,3-Dichlorobenzene	0.644	0.529	17.9	77	0.00
84	M	1,4-Dichlorobenzene	0.604	0.494	18.2	76	0.00
85		n-Butylbenzene	0.906	0.947	-4.5	97	0.00
86	T	Hexachloroethane	0.236	0.248	-5.1	98	0.00
87	M	1,2-Dichlorobenzene	0.635	0.659	-3.8	96	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	95	0.00
89		1,2,4-Trichlorobenzene	0.272	0.273	-0.4	99	0.00
90		Hexachlorobutadiene	0.165	0.165	0.0	103	0.00
91	M	Naphthalene	0.710	0.676	4.8	93	0.00
92		1,2,3-Trichlorobenzene	0.272	0.273	-0.4	99	0.00

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