Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
Data File : VN078810.D
Acq On : 08 Aug 2023 20:16
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Quant Time: Aug 09 05:08:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 05:05:47 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	97	0.00
2	M	Dichlorodifluoromethane	2.068	1.757	15.0	77	0.00
3	M	Chloromethane	2.462	2.439	0.9	90	0.00
4	M	Vinyl Chloride	2.343	2.322	0.9	94	0.00
5	M	Bromomethane	1.705	1.598	6.3	88	0.00
6	M	Chloroethane	1.664	1.562	6.1	89	0.00
7	M	Trichlorofluoromethane	3.216	2.950	8.3	82	0.00
8	T	Diethyl Ether	1.144	1.097	4.1	88	0.00
9		1,1,2-Trichlorotrifluoroeth	1.725	1.504	12.8	78	0.00
10	M	1,1-Dichloroethene	1.671	1.566	6.3	87	0.00
11		Methyl Iodide	2.229	2.069	7.2	85	0.00
12		Methyl Acetate	3.631	3.453	4.9	86	0.00
13	M	Acrolein	0.385	0.388	-0.8	100	0.00
14	M	Acrylonitrile	0.957	0.953	0.4	90	0.00
15	M	Acetone	0.247	0.238	3.6	88	0.00
16	M	Carbon Disulfide	4.836	4.353	10.0	81	0.00
17		Allyl chloride	2.920	2.660	8.9	91	0.00
18	M	Methylene Chloride	2.085	1.936	7.1	85	0.01
19	M	trans-1,2-Dichloroethene	1.918	1.864	2.8	90	0.00
20	T	Diisopropyl ether	6.558	6.628	-1.1	94	0.00
21	M	1,1-Dichloroethane	3.739	3.589	4.0	89	0.00
22	M	cis-1,2-Dichloroethene	2.126	2.067	2.8	87	0.00
23	M	tert-Butyl Alcohol	0.356	0.333	6.5	88	0.00
24	M	Methyl tert-Butyl Ether	5.592	5.673	-1.4	93	0.00
25	M	Chloroform	3.712	3.592	3.2	90	0.00
26		Cyclohexane	2.945	2.591	12.0	84	0.00
27	s	1,2-Dichloroethane-d4	2.415	2.429	-0.6	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29		1,1-Dichloropropene	0.487	0.456	6.4	83	0.00
30	M	2-Butanone	0.239	0.244	-2.1	92	0.00
31		2,2-Dichloropropane	0.503	0.439	12.7	78	0.01
32	M	1,1,1-Trichloroethane	0.574	0.554	3.5	90	0.00
33	M	Carbon Tetrachloride	0.495	0.470	5.1	84	0.00
34	M	Benzene	1.483	1.432	3.4	88	0.00
35		Methacrylonitrile	0.281	0.264	6.0	86	0.00
36	M	1,2-Dichloroethane	0.518	0.534	-3.1	93	0.00
37	M	Trichloroethene	0.357	0.357	0.0	90	0.00
38		Methylcyclohexane	0.461	0.418	9.3	79	0.00
39	M	1,2-Dichloropropane	0.392	0.391	0.3	89	0.00
40		Dibromomethane	0.261	0.252	3.4	89	0.00
41	M	Bromodichloromethane	0.526	0.513	2.5	86	0.00
42	M	Vinyl Acetate	0.752	0.781	-3.9	93	0.00
43		Ethyl Acetate	0.496	0.514	-3.6	85	0.00
44		Isopropyl Acetate	0.890	0.880	1.1	92	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	84	0.00
46		Methyl methacrylate	0.377	0.390	-3.4	94	0.00
47		n-amyl Acetate	0.623	0.594	4.7	84	0.00
48	M	t-1,3-Dichloropropene	0.532	0.522	1.9	88	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.591	0.573	3.0	86	0.00
50	M	1,1,2-Trichloroethane	0.355	0.368	-3.7	93	0.00
51		Ethyl methacrylate	0.498	0.483	3.0	89	0.00
52		1,3-Dichloropropane	0.610	0.608	0.3	90	0.00
53	M	Dibromochloromethane	0.371	0.365	1.6	91	0.00
54	M	1,2-Dibromoethane	0.347	0.344	0.9	90	0.00
55	M	2-Chloroethyl vinyl ether	0.184	0.187	-1.6	93	0.00
56	M	Bromoform	0.232	0.240	-3.4	93	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	0.577	0.576	0.2	92	0.00
59	M	2-Hexanone	0.401	0.397	1.0	90	0.00
60	S	4-Bromofluorobenzene	0.421	0.410	2.6	89	0.00
61	M	Tetrachloroethene	0.343	0.287	16.3	79	0.00
62	M	Toluene	1.766	1.691	4.2	88	0.00
63	S	Toluene-d8	1.470	1.458	0.8	93	0.00
64	M	Chlorobenzene	1.034	0.980	5.2	88	0.00
65		1,1,1,2-Tetrachloroethane	0.398	0.374	6.0	87	0.00
66	M	Ethyl Benzene	1.834	1.602	12.6	79	0.00
67	M	m/p-Xylenes	0.673	0.613	8.9	84	0.00
68	M	o-Xylene	0.669	0.621	7.2	84	0.00
69	M	Styrene	1.023	0.952	6.9	86	0.00
70		Isopropylbenzene	1.654	1.477	10.7	82	0.00
71	M	1,1,2,2-Tetrachloroethane	0.560	0.535	4.5	87	0.00
72		1,2,3-Trichloropropane	0.489	0.501	-2.5	99	0.00
73		Bromobenzene	0.395	0.355	10.1	84	0.00
74		n-propylbenzene	1.830	1.635	10.7	80	0.00
75		2-Chlorotoluene	1.140	1.034	9.3	82	0.00
76		1,3,5-Trimethylbenzene	1.313	1.201	8.5	81	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.156	-1.3	91	0.00
78		4-Chlorotoluene	1.058	0.945	10.7	80	0.00
79		tert-butylbenzene	1.078	1.001	7.1	82	0.00
80		1,2,4-Trimethylbenzene	1.239	1.157	6.6	83	0.00
81		sec-Butylbenzene	1.443	1.321	8.5	81	0.00
82		p-Isopropyltoluene	1.130	1.024	9.4	81	0.00
83	M	1,3-Dichlorobenzene	0.611	0.562	8.0	81	0.00
84	M	1,4-Dichlorobenzene	0.583	0.518	11.1	79	0.00
85		n-Butylbenzene	0.832	0.696	16.3	76	0.00
86	T	Hexachloroethane	0.238	0.221	7.1	85	0.00
87	M	1,2-Dichlorobenzene	0.601	0.538	10.5	79	0.00
88		1,2-Dibromo-3-Chloropropane	0.080	0.085	-6.3	99	0.00
89		1,2,4-Trichlorobenzene	0.166	0.119	28.3#	63	0.00
90		Hexachlorobutadiene	0.122	0.099	18.9	71	0.00
91	M	Naphthalene	0.520	0.381	26.7#	66	0.00
92		1,2,3-Trichlorobenzene	0.195	0.151	22.6	68	0.00

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