Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
Data File : VX037938.D
Acq On : 28 Sep 2023 09:30
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Sep 29 04:20:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Sep 28 06:08:32 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	102	0.00
2	M	Dichlorodifluoromethane	1.573	1.555	1.1	103	0.00
3	M	Chloromethane	1.684	1.640	2.6	100	0.00
4	M	Vinyl Chloride	1.885	1.837	2.5	101	0.00
5	M	Bromomethane	1.452	1.417	2.4	97	0.00
6	M	Chloroethane	1.266	1.242	1.9	102	0.00
7	M	Trichlorofluoromethane	3.112	3.062	1.6	101	0.00
8	T	Diethyl Ether	1.148	1.168	-1.7	107	0.00
9		1,1,2-Trichlorotrifluoroeth	1.587	1.570	1.1	104	0.00
10	M	1,1-Dichloroethene	1.553	1.500	3.4	100	0.00
11		Methyl Iodide	2.102	2.030	3.4	104	0.00
12		Methyl Acetate	3.157	3.238	-2.6	105	0.00
13	M	Acrolein	0.364	0.391	-7.4	110	0.00
14	M	Acrylonitrile	0.872	0.899	-3.1	107	0.00
15	M	Acetone	0.252	0.319	-26.6#	128	0.00
16	M	Carbon Disulfide	3.790	3.766	0.6	109	0.00
17		Allyl chloride	2.378	2.354	1.0	104	0.00
18	M	Methylene Chloride	1.862	1.794	3.7	101	0.00
19	M	trans-1,2-Dichloroethene	1.751	1.694	3.3	102	0.00
20	T	Diisopropyl ether	5.077	5.080	-0.1	103	0.00
21	M	1,1-Dichloroethane	3.067	2.997	2.3	101	0.00
22	M	cis-1,2-Dichloroethene	2.079	2.002	3.7	101	0.00
23	M	tert-Butyl Alcohol	0.364	0.393	-8.0	115	0.00
24	M	Methyl tert-Butyl Ether	5.376	5.396	-0.4	104	0.00
25	M	Chloroform	3.373	3.318	1.6	102	0.00
26		Cyclohexane	2.610	2.540	2.7	103	0.00
27	s	1,2-Dichloroethane-d4	2.163	2.202	-1.8	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.434	0.428	1.4	102	0.00
30	M	2-Butanone	0.208	0.231	-11.1	113	0.00
31		2,2-Dichloropropane	0.437	0.446	-2.1	106	0.00
32	M	1,1,1-Trichloroethane	0.520	0.512	1.5	103	0.00
33	M	Carbon Tetrachloride	0.445	0.452	-1.6	107	0.00
34	M	Benzene	1.295	1.276	1.5	100	0.00
35		Methacrylonitrile	0.219	0.221	-0.9	108	0.00
36	M	1,2-Dichloroethane	0.458	0.459	-0.2	102	0.00
37	M	Trichloroethene	0.357	0.346	3.1	100	0.00
38		Methylcyclohexane	0.545	0.545	0.0	105	0.00
39	M	1,2-Dichloropropane	0.331	0.326	1.5	102	0.00
40		Dibromomethane	0.245	0.248	-1.2	106	0.00
41	M	Bromodichloromethane	0.446	0.449	-0.7	107	0.00
42	M	Vinyl Acetate	0.656	0.678	-3.4	106	0.00
43		Ethyl Acetate	0.411	0.404	1.7	104	0.00
44		Isopropyl Acetate	0.681	0.698	-2.5	108	0.00
45	T	1,4-Dioxane	0.008	0.009	-12.5	116	0.00
46		Methyl methacrylate	0.324	0.333	-2.8	106	0.00
47		n-amyl Acetate	0.640	0.623	2.7	104	0.00
48	M	t-1,3-Dichloropropene	0.485	0.486	-0.2	110	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.521	0.518	0.6	106	0.00
50	M	1,1,2-Trichloroethane	0.349	0.352	-0.9	106	0.00
51		Ethyl methacrylate	0.515	0.506	1.7	105	0.00
52		1,3-Dichloropropane	0.561	0.567	-1.1	104	0.00
53	M	Dibromochloromethane	0.360	0.358	0.6	108	0.00
54	M	1,2-Dibromoethane	0.379	0.378	0.3	103	0.00
55	M	2-Chloroethyl vinyl ether	0.251	0.254	-1.2	107	0.00
56	M	Bromoform	0.271	0.261	3.7	113	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.439	0.460	-4.8	104	0.00
59	M	2-Hexanone	0.334	0.363	-8.7	110	0.00
60	S	4-Bromofluorobenzene	0.489	0.489	0.0	105	0.00
61	M	Tetrachloroethene	0.319	0.319	0.0	103	0.00
62	M	Toluene	1.556	1.552	0.3	101	0.00
63	S	Toluene-d8	1.295	1.312	-1.3	102	0.00
64	M	Chlorobenzene	0.971	0.976	-0.5	103	0.00
65		1,1,1,2-Tetrachloroethane	0.352	0.355	-0.9	104	0.00
66	M	Ethyl Benzene	1.717	1.726	-0.5	103	0.00
67	M	m/p-Xylenes	0.677	0.676	0.1	102	0.00
68	M	o-Xylene	0.655	0.650	0.8	103	0.00
69	M	Styrene	1.099	1.085	1.3	103	0.00
70		Isopropylbenzene	1.739	1.740	-0.1	103	0.00
71	M	1,1,2,2-Tetrachloroethane	0.573	0.581	-1.4	104	0.00
72		1,2,3-Trichloropropane	0.503	0.524	-4.2	108	0.00
73		Bromobenzene	0.441	0.433	1.8	104	0.00
74		n-propylbenzene	2.077	2.087	-0.5	103	0.00
75		2-Chlorotoluene	1.216	1.206	0.8	103	0.00
76		1,3,5-Trimethylbenzene	1.499	1.489	0.7	103	0.00
77		t-1,4-Dichloro-2-butene	0.159	0.160	-0.6	117	0.00
78		4-Chlorotoluene	1.427	1.424	0.2	104	0.00
79		tert-butylbenzene	1.476	1.467	0.6	104	0.00
80		1,2,4-Trimethylbenzene	1.491	1.488	0.2	103	0.00
81		sec-Butylbenzene	1.898	1.914	-0.8	105	0.00
82		p-Isopropyltoluene	1.593	1.609	-1.0	105	0.00
83	M	1,3-Dichlorobenzene	0.852	0.854	-0.2	105	0.00
84	M	1,4-Dichlorobenzene	0.864	0.850	1.6	103	0.00
85		n-Butylbenzene	1.491	1.498	-0.5	108	0.00
86	T	Hexachloroethane	0.260	0.254	2.3	110	0.00
87	M	1,2-Dichlorobenzene	0.840	0.823	2.0	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.114	0.121	-6.1	115	0.00
89		1,2,4-Trichlorobenzene	0.571	0.573	-0.4	106	0.00
90		Hexachlorobutadiene	0.251	0.255	-1.6	109	0.00
91	M	Naphthalene	1.733	1.765	-1.8	104	0.00
92		1,2,3-Trichlorobenzene	0.556	0.560	-0.7	104	0.00

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