Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
Data File : VX037936.D
Acq On : 27 Sep 2023 20:45
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723

Quant Time: Sep 28 06:12:05 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	101	0.00
2	M	Dichlorodifluoromethane	1.573	1.604	-2.0	105	0.00
3	M	Chloromethane	1.684	1.752	-4.0	106	0.00
4	M	Vinyl Chloride	1.885	1.943	-3.1	105	0.00
5	M	Bromomethane	1.452	1.484	-2.2	100	0.00
6	M	Chloroethane	1.266	1.250	1.3	101	0.00
7	M	Trichlorofluoromethane	3.112	3.174	-2.0	103	0.00
8	T	Diethyl Ether	1.148	1.195	-4.1	108	0.00
9		1,1,2-Trichlorotrifluoroeth	1.587	1.609	-1.4	106	0.00
10	M	1,1-Dichloroethene	1.553	1.594	-2.6	105	0.00
11		Methyl Iodide	2.102	2.233	-6.2	113	0.00
12		Methyl Acetate	3.157	3.253	-3.0	104	0.00
13	M	Acrolein	0.364	0.342	6.0	95	0.00
14	M	Acrylonitrile	0.872	0.886	-1.6	104	0.00
15	M	Acetone	0.252	0.257	-2.0	102	0.00
16	M	Carbon Disulfide	3.790	3.943	-4.0	113	0.00
17		Allyl chloride	2.378	2.426	-2.0	106	0.00
18	M	Methylene Chloride	1.862	1.869	-0.4	104	0.00
19	M	trans-1,2-Dichloroethene	1.751	1.808	-3.3	107	0.00
20	T	Diisopropyl ether	5.077	5.289	-4.2	106	0.00
21	M	1,1-Dichloroethane	3.067	3.153	-2.8	105	0.00
22	M	cis-1,2-Dichloroethene	2.079	2.174	-4.6	108	0.00
23	M	tert-Butyl Alcohol	0.364	0.359	1.4	104	0.00
24	M	Methyl tert-Butyl Ether	5.376	5.538	-3.0	106	0.00
25	M	Chloroform	3.373	3.473	-3.0	105	0.00
26		Cyclohexane	2.610	2.613	-0.1	104	0.00
27	s	1,2-Dichloroethane-d4	2.163	2.139	1.1	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.434	0.442	-1.8	104	0.00
30	M	2-Butanone	0.208	0.210	-1.0	102	0.00
31		2,2-Dichloropropane	0.437	0.430	1.6	101	0.00
32	M	1,1,1-Trichloroethane	0.520	0.531	-2.1	105	0.00
33	M	Carbon Tetrachloride	0.445	0.457	-2.7	107	0.00
34	M	Benzene	1.295	1.343	-3.7	104	0.00
35		Methacrylonitrile	0.219	0.217	0.9	105	0.00
36	M	1,2-Dichloroethane	0.458	0.483	-5.5	106	0.00
37	M	Trichloroethene	0.357	0.377	-5.6	107	0.00
38		Methylcyclohexane	0.545	0.546	-0.2	104	0.00
39	M	1,2-Dichloropropane	0.331	0.342	-3.3	105	0.00
40		Dibromomethane	0.245	0.255	-4.1	108	0.00
41	M	Bromodichloromethane	0.446	0.451	-1.1	106	0.00
42	M	Vinyl Acetate	0.656	0.683	-4.1	105	0.00
43		Ethyl Acetate	0.411	0.431	-4.9	109	0.00
44		Isopropyl Acetate	0.681	0.699	-2.6	106	0.00
45	T	1,4-Dioxane	0.008	0.008	0.0	108	0.00
46		Methyl methacrylate	0.324	0.332	-2.5	105	0.00
47		n-amyl Acetate	0.640	0.636	0.6	104	0.00
48	M	t-1,3-Dichloropropene	0.485	0.478	1.4	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.521	0.534	-2.5	108	0.00
50	M	1,1,2-Trichloroethane	0.349	0.363	-4.0	108	0.00
51		Ethyl methacrylate	0.515	0.523	-1.6	107	0.00
52		1,3-Dichloropropane	0.561	0.585	-4.3	106	0.00
53	M	Dibromochloromethane	0.360	0.363	-0.8	108	0.00
54	M	1,2-Dibromoethane	0.379	0.391	-3.2	105	0.00
55	M	2-Chloroethyl vinyl ether	0.251	0.255	-1.6	106	0.00
56	M	Bromoform	0.271	0.258	4.8	110	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.439	0.455	-3.6	102	0.00
59	M	2-Hexanone	0.334	0.343	-2.7	103	0.00
60	S	4-Bromofluorobenzene	0.489	0.483	1.2	103	0.00
61	M	Tetrachloroethene	0.319	0.333	-4.4	106	0.00
62	M	Toluene	1.556	1.616	-3.9	104	0.00
63	S	Toluene-d8	1.295	1.294	0.1	100	0.00
64	M	Chlorobenzene	0.971	1.024	-5.5	107	0.00
65		1,1,1,2-Tetrachloroethane	0.352	0.364	-3.4	106	0.00
66	M	Ethyl Benzene	1.717	1.785	-4.0	105	0.00
67	M	m/p-Xylenes	0.677	0.700	-3.4	105	0.00
68	M	o-Xylene	0.655	0.691	-5.5	108	0.00
69	M	Styrene	1.099	1.133	-3.1	107	0.00
70		Isopropylbenzene	1.739	1.806	-3.9	106	0.00
71	M	1,1,2,2-Tetrachloroethane	0.573	0.582	-1.6	103	0.00
72		1,2,3-Trichloropropane	0.503	0.516	-2.6	106	0.00
73		Bromobenzene	0.441	0.457	-3.6	109	0.00
74		n-propylbenzene	2.077	2.135	-2.8	104	0.00
75		2-Chlorotoluene	1.216	1.253	-3.0	106	0.00
76		1,3,5-Trimethylbenzene	1.499	1.544	-3.0	106	0.00
77		t-1,4-Dichloro-2-butene	0.159	0.147	7.5	107	0.00
78		4-Chlorotoluene	1.427	1.465	-2.7	106	0.00
79		tert-butylbenzene	1.476	1.504	-1.9	105	0.00
80		1,2,4-Trimethylbenzene	1.491	1.542	-3.4	106	0.00
81		sec-Butylbenzene	1.898	1.937	-2.1	105	0.00
82		p-Isopropyltoluene	1.593	1.610	-1.1	105	0.00
83	M	1,3-Dichlorobenzene	0.852	0.874	-2.6	107	0.00
84	M	1,4-Dichlorobenzene	0.864	0.898	-3.9	108	0.00
85		n-Butylbenzene	1.491	1.490	0.1	106	0.00
86	T	Hexachloroethane	0.260	0.249	4.2	107	0.00
87	M	1,2-Dichlorobenzene	0.840	0.861	-2.5	105	0.00
88		1,2-Dibromo-3-Chloropropane	0.114	0.115	-0.9	108	0.00
89		1,2,4-Trichlorobenzene	0.571	0.588	-3.0	108	0.00
90		Hexachlorobutadiene	0.251	0.251	0.0	106	0.00
91	M	Naphthalene	1.733	1.798	-3.8	105	0.00
92		1,2,3-Trichlorobenzene	0.556	0.576	-3.6	106	0.00

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