Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
Data File : VX038114.D
Acq On : 05 Oct 2023 21:32
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Oct 06 06:35:09 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	55	0.00
2	M	Dichlorodifluoromethane	1.573	1.425	9.4	51	0.00
3	M	Chloromethane	1.684	1.480	12.1	49#	0.00
4	M	Vinyl Chloride	1.885	1.768	6.2	52	0.00
5	M	Bromomethane	1.452	1.758	-21.1	65	0.00
6	M	Chloroethane	1.266	1.407	-11.1	62	0.00
7	M	Trichlorofluoromethane	3.112	3.508	-12.7	63	0.00
8	T	Diethyl Ether	1.148	1.330	-15.9	66	0.00
9		1,1,2-Trichlorotrifluoroeth	1.587	1.384	12.8	50#	0.00
10	M	1,1-Dichloroethene	1.553	1.366	12.0	49#	0.00
11		Methyl Iodide	2.102	1.988	5.4	55	0.00
12		Methyl Acetate	3.157	4.097	-29.8#	72	0.00
13	M	Acrolein	0.364	0.349	4.1	53	0.00
14	M	Acrylonitrile	0.872	1.067	-22.4	68	0.00
15	M	Acetone	0.252	0.284	-12.7	62	0.00
16	M	Carbon Disulfide	3.790	3.266	13.8	51	0.00
17		Allyl chloride	2.378	2.117	11.0	51	0.00
18	M	Methylene Chloride	1.862	1.774	4.7	54	0.00
19	M	trans-1,2-Dichloroethene	1.751	1.669	4.7	54	0.00
20	T	Diisopropyl ether	5.077	5.258	-3.6	57	0.00
21	M	1,1-Dichloroethane	3.067	3.098	-1.0	56	0.00
22	M	cis-1,2-Dichloroethene	2.079	2.028	2.5	55	0.00
23	M	tert-Butyl Alcohol	0.364	0.459	-26.1#	73	0.00
24	M	Methyl tert-Butyl Ether	5.376	5.455	-1.5	57	0.00
25	M	Chloroform	3.373	3.573	-5.9	59	0.00
26		Cyclohexane	2.610	2.540	2.7	55	0.00
27	s	1,2-Dichloroethane-d4	2.163	2.438	-12.7	63	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	54	0.00
29		1,1-Dichloropropene	0.434	0.449	-3.5	57	0.00
30	M	2-Butanone	0.208	0.289	-38.9#	75	0.00
31		2,2-Dichloropropane	0.437	0.352	19.5	44#	0.00
32	M	1,1,1-Trichloroethane	0.520	0.532	-2.3	56	0.00
33	M	Carbon Tetrachloride	0.445	0.450	-1.1	57	0.00
34	M	Benzene	1.295	1.331	-2.8	55	0.00
35		Methacrylonitrile	0.219	0.282	-28.8#	73	0.00
36	M	1,2-Dichloroethane	0.458	0.535	-16.8	63	0.00
37	M	Trichloroethene	0.357	0.350	2.0	53	0.00
38		Methylcyclohexane	0.545	0.528	3.1	54	0.00
39	M	1,2-Dichloropropane	0.331	0.349	-5.4	57	0.00
40		Dibromomethane	0.245	0.266	-8.6	60	0.00
41	M	Bromodichloromethane	0.446	0.468	-4.9	59	0.00
42	M	Vinyl Acetate	0.656	0.719	-9.6	60	0.00
43		Ethyl Acetate	0.411	0.564	-37.2#	77	0.00
44		Isopropyl Acetate	0.681	0.829	-21.7	68	0.00
45	T	1,4-Dioxane	0.008	0.009	-12.5	62	0.00
46		Methyl methacrylate	0.324	0.392	-21.0	66	0.00
47		n-amyl Acetate	0.640	0.722	-12.8	64	0.00
48	M	t-1,3-Dichloropropene	0.485	0.477	1.6	57	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.521	0.514	1.3	56	0.00
50	M	1,1,2-Trichloroethane	0.349	0.370	-6.0	59	0.00
51		Ethyl methacrylate	0.515	0.554	-7.6	61	0.00
52		1,3-Dichloropropane	0.561	0.622	-10.9	61	0.00
53	M	Dibromochloromethane	0.360	0.349	3.1	56	0.00
54	M	1,2-Dibromoethane	0.379	0.399	-5.3	58	0.00
55	M	2-Chloroethyl vinyl ether	0.251	0.298	-18.7	66	0.00
56	M	Bromoform	0.271	0.254	6.3	58	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
58	M	4-Methyl-2-Pentanone	0.439	0.601	-36.9#	75	0.00
59	M	2-Hexanone	0.334	0.470	-40.7#	78	0.00
60	S	4-Bromofluorobenzene	0.489	0.493	-0.8	58	0.00
61	M	Tetrachloroethene	0.319	0.311	2.5	55	0.00
62	M	Toluene	1.556	1.585	-1.9	57	0.00
63	S	Toluene-d8	1.295	1.331	-2.8	57	0.00
64	M	Chlorobenzene	0.971	0.984	-1.3	57	0.00
65		1,1,1,2-Tetrachloroethane	0.352	0.341	3.1	55	0.00
66	M	Ethyl Benzene	1.717	1.752	-2.0	57	0.00
67	M	m/p-Xylenes	0.677	0.682	-0.7	57	0.00
68	M	o-Xylene	0.655	0.661	-0.9	57	0.00
69	M	Styrene	1.099	1.103	-0.4	58	0.00
70		Isopropylbenzene	1.739	1.751	-0.7	57	0.00
71	M	1,1,2,2-Tetrachloroethane	0.573	0.643	-12.2	63	0.00
72		1,2,3-Trichloropropane	0.503	0.599	-19.1	68	0.00
73		Bromobenzene	0.441	0.428	2.9	56	0.00
74		n-propylbenzene	2.077	2.155	-3.8	58	0.00
75		2-Chlorotoluene	1.216	1.273	-4.7	60	0.00
76		1,3,5-Trimethylbenzene	1.499	1.531	-2.1	58	0.00
77		t-1,4-Dichloro-2-butene	0.159	0.144	9.4	58	0.00
78		4-Chlorotoluene	1.427	1.480	-3.7	59	0.00
79		tert-butylbenzene	1.476	1.440	2.4	56	0.00
80		1,2,4-Trimethylbenzene	1.491	1.492	-0.1	57	0.00
81		sec-Butylbenzene	1.898	1.924	-1.4	58	0.00
82		p-Isopropyltoluene	1.593	1.547	2.9	56	0.00
83	M	1,3-Dichlorobenzene	0.852	0.823	3.4	56	0.00
84	M	1,4-Dichlorobenzene	0.864	0.842	2.5	56	0.00
85		n-Butylbenzene	1.491	1.505	-0.9	59	0.00
86	T	Hexachloroethane	0.260	0.238	8.5	57	0.00
87	M	1,2-Dichlorobenzene	0.840	0.807	3.9	55	0.00
88		1,2-Dibromo-3-Chloropropane	0.114	0.147	-28.9#	76	0.00
89		1,2,4-Trichlorobenzene	0.571	0.527	7.7	54	0.00
90		Hexachlorobutadiene	0.251	0.213	15.1	50#	0.00
91	M	Naphthalene	1.733	1.826	-5.4	59	0.00
92		1,2,3-Trichlorobenzene	0.556	0.522	6.1	53	0.00

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