Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
Data File : VX039057.D
Acq On : 29 Nov 2023 16:31
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Nov 30 01:39:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 27 03:22:25 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	103	0.00
2	M	Dichlorodifluoromethane	4.490	4.134	7.9	94	0.00
3	M	Chloromethane	5.141	4.660	9.4	95	0.00
4	M	Vinyl Chloride	5.191	4.839	6.8	97	0.00
5	M	Bromomethane	3.175	3.327	-4.8	97	0.00
6	M	Chloroethane	3.023	2.918	3.5	96	0.00
7	M	Trichlorofluoromethane	7.164	6.929	3.3	99	0.00
8	T	Diethyl Ether	2.750	2.726	0.9	103	0.00
9		1,1,2-Trichlorotrifluoroeth	4.048	4.117	-1.7	107	0.00
10	M	1,1-Dichloroethene	4.081	4.155	-1.8	107	0.00
11		Methyl Iodide	4.472	4.536	-1.4	116	0.00
12		Methyl Acetate	12.727	12.245	3.8	101	0.00
13	M	Acrolein	1.115	1.103	1.1	108	0.00
14	M	Acrylonitrile	3.113	3.042	2.3	103	0.00
15	M	Acetone	1.131	1.004	11.2	82	0.00
16	M	Carbon Disulfide	12.359	11.756	4.9	101	0.00
17		Allyl chloride	8.101	8.034	0.8	104	0.00
18	M	Methylene Chloride	4.837	4.907	-1.4	109	0.00
19	M	trans-1,2-Dichloroethene	4.615	4.654	-0.8	108	0.00
20	T	Diisopropyl ether	15.416	15.610	-1.3	106	0.00
21	M	1,1-Dichloroethane	8.571	8.521	0.6	105	0.00
22	M	cis-1,2-Dichloroethene	5.349	5.356	-0.1	105	-0.02
23	M	tert-Butyl Alcohol	1.723	1.347	21.8	85	0.00
24	M	Methyl tert-Butyl Ether	15.032	14.795	1.6	104	0.00
25	M	Chloroform	8.603	8.503	1.2	105	0.00
26		Cyclohexane	7.758	7.687	0.9	104	-0.01
27	s	1,2-Dichloroethane-d4	4.104	3.922	4.4	96	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.841	0.841	0.0	105	0.00
30	M	2-Butanone	0.633	0.583	7.9	93	0.00
31		2,2-Dichloropropane	0.962	0.948	1.5	102	0.00
32	M	1,1,1-Trichloroethane	0.972	0.956	1.6	103	0.00
33	M	Carbon Tetrachloride	0.819	0.795	2.9	101	-0.01
34	M	Benzene	2.450	2.428	0.9	104	0.00
35		Methacrylonitrile	0.561	0.539	3.9	103	-0.02
36	M	1,2-Dichloroethane	0.899	0.870	3.2	101	0.00
37	M	Trichloroethene	0.622	0.607	2.4	102	0.00
38		Methylcyclohexane	1.048	1.032	1.5	102	0.00
39	M	1,2-Dichloropropane	0.646	0.648	-0.3	108	0.00
40		Dibromomethane	0.457	0.451	1.3	104	0.00
41	M	Bromodichloromethane	0.877	0.863	1.6	103	0.00
42	M	Vinyl Acetate	1.508	1.515	-0.5	104	0.00
43		Ethyl Acetate	1.089	1.023	6.1	98	-0.02
44		Isopropyl Acetate	1.717	1.642	4.4	102	0.00
45	T	1,4-Dioxane	0.018	0.013	27.8#	82	0.00
46		Methyl methacrylate	0.982	0.938	4.5	101	0.00
47		n-amyl Acetate	1.453	1.368	5.8	104	0.00
48	M	t-1,3-Dichloropropene	1.017	0.968	4.8	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.049	1.042	0.7	104	0.00
50	M	1,1,2-Trichloroethane	0.620	0.622	-0.3	105	0.00
51		Ethyl methacrylate	0.776	0.771	0.6	108	0.00
52		1,3-Dichloropropane	1.063	1.073	-0.9	105	0.00
53	M	Dibromochloromethane	0.666	0.635	4.7	99	0.00
54	M	1,2-Dibromoethane	0.680	0.664	2.4	104	0.00
55	M	2-Chloroethyl vinyl ether	0.492	0.481	2.2	108	0.00
56	M	Bromoform	0.481	0.433	10.0	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.910	0.878	3.5	100	0.00
59	M	2-Hexanone	0.747	0.702	6.0	97	0.00
60	S	4-Bromofluorobenzene	0.655	0.644	1.7	102	0.00
61	M	Tetrachloroethene	0.390	0.390	0.0	102	0.00
62	M	Toluene	2.130	2.131	-0.0	104	0.00
63	S	Toluene-d8	1.186	1.199	-1.1	104	0.00
64	M	Chlorobenzene	1.296	1.289	0.5	105	0.00
65		1,1,1,2-Tetrachloroethane	0.467	0.456	2.4	101	0.00
66	M	Ethyl Benzene	2.425	2.418	0.3	104	0.00
67	M	m/p-Xylenes	0.896	0.889	0.8	104	0.00
68	M	o-Xylene	0.868	0.848	2.3	103	0.00
69	M	Styrene	1.285	1.256	2.3	104	0.00
70		Isopropylbenzene	2.323	2.309	0.6	104	0.00
71	M	1,1,2,2-Tetrachloroethane	0.867	0.838	3.3	102	0.00
72		1,2,3-Trichloropropane	0.734	0.740	-0.8	105	0.00
73		Bromobenzene	0.529	0.511	3.4	104	0.00
74		n-propylbenzene	2.846	2.837	0.3	104	0.00
75		2-Chlorotoluene	1.670	1.644	1.6	104	0.00
76		1,3,5-Trimethylbenzene	2.001	1.962	1.9	103	0.00
77		t-1,4-Dichloro-2-butene	0.291	0.260	10.7	99	0.00
78		4-Chlorotoluene	1.963	1.921	2.1	103	0.00
79		tert-butylbenzene	1.903	1.864	2.0	102	0.00
80		1,2,4-Trimethylbenzene	2.003	1.941	3.1	102	0.00
81		sec-Butylbenzene	2.405	2.361	1.8	104	0.00
82		p-Isopropyltoluene	2.039	2.014	1.2	104	0.00
83	M	1,3-Dichlorobenzene	1.012	0.984	2.8	104	0.00
84	M	1,4-Dichlorobenzene	1.038	0.994	4.2	102	0.00
85		n-Butylbenzene	2.013	1.958	2.7	105	0.00
86	T	Hexachloroethane	0.386	0.356	7.8	98	0.00
87	M	1,2-Dichlorobenzene	0.973	0.944	3.0	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.222	0.201	9.5	96	0.00
89		1,2,4-Trichlorobenzene	0.645	0.628	2.6	103	0.00
90		Hexachlorobutadiene	0.230	0.226	1.7	103	0.00
91	M	Naphthalene	2.379	2.200	7.5	99	0.00
92		1,2,3-Trichlorobenzene	0.625	0.613	1.9	103	0.00

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