Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
Data File : VX042237.D
Acq On : 09 Jul 2024 09:41
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jul 10 04:53:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
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	86	0.00
2	M	Dichlorodifluoromethane	1.942	2.077	-7.0	90	0.00
3	M	Chloromethane	2.171	2.256	-3.9	88	0.00
4	M	Vinyl Chloride	2.123	2.077	2.2	87	0.00
5	M	Bromomethane	1.135	1.137	-0.2	90	0.00
6	M	Chloroethane	0.907	1.065	-17.4	101	0.00
7	M	Trichlorofluoromethane	2.674	2.962	-10.8	94	0.00
8	T	Diethyl Ether	1.157	1.162	-0.4	89	0.00
9		1,1,2-Trichlorotrifluoroeth	1.818	2.006	-10.3	98	0.00
10	M	1,1-Dichloroethene	1.833	1.887	-2.9	91	0.00
11		Methyl Iodide	2.386	2.179	8.7	79	0.00
12		Methyl Acetate	2.338	2.887	-23.5	107	0.00
13	M	Acrolein	0.471	0.291	38.2#	56	0.00
14	M	Acrylonitrile	1.109	1.123	-1.3	87	0.00
15	M	Acetone	0.317	0.359	-13.2	95	0.00
16	M	Carbon Disulfide	4.018	3.876	3.5	95	0.00
17		Allyl chloride	2.784	2.947	-5.9	91	0.00
18	M	Methylene Chloride	2.103	2.241	-6.6	92	0.00
19	M	trans-1,2-Dichloroethene	1.837	1.903	-3.6	92	0.00
20	T	Diisopropyl ether	5.723	6.095	-6.5	93	0.00
21	M	1,1-Dichloroethane	3.269	3.541	-8.3	96	0.00
22	M	cis-1,2-Dichloroethene	2.223	2.401	-8.0	96	0.00
23	M	tert-Butyl Alcohol	0.412	0.395	4.1	82	0.00
24	M	Methyl tert-Butyl Ether	5.671	6.239	-10.0	97	0.00
25	M	Chloroform	3.322	3.638	-9.5	96	0.00
26		Cyclohexane	2.840	2.987	-5.2	94	0.00
27	s	1,2-Dichloroethane-d4	2.065	2.199	-6.5	93	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29		1,1-Dichloropropene	0.392	0.400	-2.0	97	0.00
30	M	2-Butanone	0.262	0.271	-3.4	92	0.00
31		2,2-Dichloropropane	0.429	0.470	-9.6	104	0.00
32	M	1,1,1-Trichloroethane	0.496	0.522	-5.2	99	-0.01
33	M	Carbon Tetrachloride	0.428	0.458	-7.0	101	0.00
34	M	Benzene	1.304	1.340	-2.8	93	0.00
35		Methacrylonitrile	0.263	0.264	-0.4	92	0.00
36	M	1,2-Dichloroethane	0.406	0.438	-7.9	98	0.00
37	M	Trichloroethene	0.356	0.360	-1.1	96	0.00
38		Methylcyclohexane	0.519	0.529	-1.9	97	0.00
39	M	1,2-Dichloropropane	0.311	0.318	-2.3	94	0.00
40		Dibromomethane	0.230	0.236	-2.6	95	0.00
41	M	Bromodichloromethane	0.412	0.435	-5.6	101	0.00
42	M	Vinyl Acetate	0.876	0.877	-0.1	92	0.00
43		Ethyl Acetate	0.491	0.508	-3.5	96	0.00
44		Isopropyl Acetate	0.735	0.731	0.5	93	0.00
45	T	1,4-Dioxane	0.009	0.007	22.2	75	0.00
46		Methyl methacrylate	0.359	0.362	-0.8	92	0.00
47		n-amyl Acetate	0.659	0.651	1.2	94	0.00
48	M	t-1,3-Dichloropropene	0.424	0.437	-3.1	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.476	0.498	-4.6	99	0.00
50	M	1,1,2-Trichloroethane	0.334	0.353	-5.7	96	0.00
51		Ethyl methacrylate	0.531	0.542	-2.1	97	0.00
52		1,3-Dichloropropane	0.546	0.564	-3.3	94	0.00
53	M	Dibromochloromethane	0.366	0.387	-5.7	102	0.00
54	M	1,2-Dibromoethane	0.352	0.370	-5.1	95	0.00
55	M	2-Chloroethyl vinyl ether	0.247	0.288	-16.6	103	0.00
56	M	Bromoform	0.298	0.310	-4.0	103	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58	M	4-Methyl-2-Pentanone	0.538	0.567	-5.4	92	0.00
59	M	2-Hexanone	0.415	0.442	-6.5	93	0.00
60	S	4-Bromofluorobenzene	0.464	0.472	-1.7	92	0.00
61	M	Tetrachloroethene	0.377	0.399	-5.8	93	0.00
62	M	Toluene	1.518	1.596	-5.1	94	0.00
63	S	Toluene-d8	1.284	1.277	0.5	88	0.00
64	M	Chlorobenzene	1.034	1.088	-5.2	94	0.00
65		1,1,1,2-Tetrachloroethane	0.357	0.392	-9.8	101	0.00
66	M	Ethyl Benzene	1.660	1.758	-5.9	96	0.00
67	M	m/p-Xylenes	0.668	0.715	-7.0	97	0.00
68	M	o-Xylene	0.666	0.705	-5.9	95	0.00
69	M	Styrene	1.112	1.182	-6.3	95	0.00
70		Isopropylbenzene	1.674	1.809	-8.1	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.579	0.607	-4.8	93	0.00
72		1,2,3-Trichloropropane	0.469	0.497	-6.0	96	0.00
73		Bromobenzene	0.488	0.521	-6.8	97	0.00
74		n-propylbenzene	1.838	2.001	-8.9	99	0.00
75		2-Chlorotoluene	1.167	1.254	-7.5	96	0.00
76		1,3,5-Trimethylbenzene	1.402	1.523	-8.6	97	0.00
77		t-1,4-Dichloro-2-butene	0.174	0.171	1.7	100	0.00
78		4-Chlorotoluene	1.297	1.398	-7.8	98	0.00
79		tert-butylbenzene	1.488	1.643	-10.4	100	0.00
80		1,2,4-Trimethylbenzene	1.401	1.521	-8.6	98	0.00
81		sec-Butylbenzene	1.736	1.909	-10.0	100	0.00
82		p-Isopropyltoluene	1.521	1.672	-9.9	101	0.00
83	M	1,3-Dichlorobenzene	0.870	0.924	-6.2	97	0.00
84	M	1,4-Dichlorobenzene	0.866	0.935	-8.0	100	0.00
85		n-Butylbenzene	1.176	1.277	-8.6	105	0.00
86	T	Hexachloroethane	0.248	0.274	-10.5	107	0.00
87	M	1,2-Dichlorobenzene	0.880	0.941	-6.9	97	0.00
88		1,2-Dibromo-3-Chloropropane	0.120	0.122	-1.7	98	0.00
89		1,2,4-Trichlorobenzene	0.596	0.620	-4.0	103	0.00
90		Hexachlorobutadiene	0.294	0.323	-9.9	103	0.00
91	M	Naphthalene	1.800	1.849	-2.7	97	0.00
92		1,2,3-Trichlorobenzene	0.617	0.651	-5.5	101	0.00

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