Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
Data File : VX036050.D
Acq On : 07 Jun 2023 08:53
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 08 07:20:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 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	1.534	1.893	-23.4	194#	0.00
3	M	Chloromethane	1.882	1.811	3.8	110	0.00
4	M	Vinyl Chloride	1.769	1.784	-0.8	123	0.00
5	M	Bromomethane	1.190	1.137	4.5	105	0.00
6	M	Chloroethane	1.115	1.076	3.5	112	0.00
7	M	Trichlorofluoromethane	2.681	2.875	-7.2	152#	0.00
8	T	Diethyl Ether	1.115	1.069	4.1	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.443	1.670	-15.7	176#	0.00
10	M	1,1-Dichloroethene	1.504	1.492	0.8	119	0.00
11		Methyl Iodide	1.817	1.410	22.4	90	0.00
12		Methyl Acetate	4.249	4.637	-9.1	112	0.00
13	M	Acrolein	0.336	0.345	-2.7	114	0.00
14	M	Acrylonitrile	1.065	1.104	-3.7	109	0.00
15	M	Acetone	0.319	0.370	-16.0	117	-0.01
16	M	Carbon Disulfide	3.264	3.174	2.8	127	0.00
17		Allyl chloride	3.034	3.067	-1.1	114	0.00
18	M	Methylene Chloride	1.958	1.803	7.9	100	0.00
19	M	trans-1,2-Dichloroethene	1.695	1.636	3.5	106	0.00
20	T	Diisopropyl ether	6.550	6.509	0.6	106	0.00
21	M	1,1-Dichloroethane	3.433	3.508	-2.2	113	0.00
22	M	cis-1,2-Dichloroethene	2.098	2.016	3.9	106	0.00
23	M	tert-Butyl Alcohol	0.389	0.417	-7.2	110	-0.04
24	M	Methyl tert-Butyl Ether	6.061	6.242	-3.0	111	0.00
25	M	Chloroform	3.523	3.792	-7.6	120	0.00
26		Cyclohexane	2.596	2.675	-3.0	154#	0.00
27	s	1,2-Dichloroethane-d4	2.493	2.893	-16.0	120	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.418	0.445	-6.5	129	0.00
30	M	2-Butanone	0.273	0.312	-14.3	116	-0.02
31		2,2-Dichloropropane	0.449	0.483	-7.6	126	0.00
32	M	1,1,1-Trichloroethane	0.488	0.546	-11.9	132	0.00
33	M	Carbon Tetrachloride	0.385	0.442	-14.8	143	0.00
34	M	Benzene	1.318	1.328	-0.8	108	0.00
35		Methacrylonitrile	0.292	0.319	-9.2	114	0.00
36	M	1,2-Dichloroethane	0.513	0.598	-16.6	122	0.00
37	M	Trichloroethene	0.331	0.326	1.5	109	0.00
38		Methylcyclohexane	0.458	0.472	-3.1	163#	0.00
39	M	1,2-Dichloropropane	0.355	0.356	-0.3	108	0.00
40		Dibromomethane	0.240	0.255	-6.3	112	0.00
41	M	Bromodichloromethane	0.434	0.479	-10.4	120	0.00
42	M	Vinyl Acetate	0.803	0.830	-3.4	111	0.00
43		Ethyl Acetate	0.522	0.550	-5.4	113	0.00
44		Isopropyl Acetate	0.850	0.862	-1.4	109	0.00
45	T	1,4-Dioxane	0.008	0.009	-12.5	103	-0.04
46		Methyl methacrylate	0.411	0.439	-6.8	116	0.00
47		n-amyl Acetate	0.714	0.724	-1.4	110	0.00
48	M	t-1,3-Dichloropropene	0.480	0.497	-3.5	118	0.00

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MSVOA_X
LabSampleId :
VSTDCCC020

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QLast Update : Tue May 23 11:36:37 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)
49	T	cis-1,3-Dichloropropene	0.530	0.542	-2.3	111	0.00
50	M	1,1,2-Trichloroethane	0.343	0.361	-5.2	110	0.00
51		Ethyl methacrylate	0.529	0.541	-2.3	112	0.00
52		1,3-Dichloropropane	0.598	0.624	-4.3	108	0.00
53	M	Dibromochloromethane	0.315	0.330	-4.8	117	0.00
54	M	1,2-Dibromoethane	0.357	0.369	-3.4	109	0.00
55	M	2-Chloroethyl vinyl ether	0.281	0.295	-5.0	104	0.00
56	M	Bromoform	0.204	0.211	-3.4	124	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	0.583	0.632	-8.4	114	0.00
59	M	2-Hexanone	0.438	0.488	-11.4	115	0.00
60	S	4-Bromofluorobenzene	0.503	0.556	-10.5	118	0.00
61	M	Tetrachloroethene	0.289	0.286	1.0	114	0.00
62	M	Toluene	1.545	1.552	-0.5	110	0.00
63	S	Toluene-d8	1.326	1.347	-1.6	108	0.00
64	M	Chlorobenzene	0.978	0.965	1.3	108	0.00
65		1,1,1,2-Tetrachloroethane	0.342	0.352	-2.9	116	0.00
66	M	Ethyl Benzene	1.728	1.777	-2.8	117	0.00
67	M	m/p-Xylenes	0.654	0.660	-0.9	113	0.00
68	M	o-Xylene	0.654	0.651	0.5	109	0.00
69	M	Styrene	1.080	1.099	-1.8	112	0.00
70		Isopropylbenzene	1.670	1.733	-3.8	119	0.00
71	M	1,1,2,2-Tetrachloroethane	0.591	0.617	-4.4	110	0.00
72		1,2,3-Trichloropropane	0.515	0.541	-5.0	117	0.00
73		Bromobenzene	0.406	0.400	1.5	109	0.00
74		n-propylbenzene	1.990	2.052	-3.1	119	0.00
75		2-Chlorotoluene	1.223	1.317	-7.7	122	0.00
76		1,3,5-Trimethylbenzene	1.418	1.511	-6.6	121	0.00
77		t-1,4-Dichloro-2-butene	0.155	0.143	7.7	116	0.00
78		4-Chlorotoluene	1.393	1.502	-7.8	121	0.00
79		tert-butylbenzene	1.369	1.394	-1.8	119	0.00
80		1,2,4-Trimethylbenzene	1.425	1.516	-6.4	120	0.00
81		sec-Butylbenzene	1.728	1.729	-0.1	122	0.00
82		p-Isopropyltoluene	1.438	1.445	-0.5	121	0.00
83	M	1,3-Dichlorobenzene	0.768	0.765	0.4	111	0.00
84	M	1,4-Dichlorobenzene	0.771	0.778	-0.9	112	0.00
85		n-Butylbenzene	1.279	1.281	-0.2	129	0.00
86	T	Hexachloroethane	0.226	0.217	4.0	129	0.00
87	M	1,2-Dichlorobenzene	0.752	0.763	-1.5	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.113	0.129	-14.2	130	0.00
89		1,2,4-Trichlorobenzene	0.451	0.412	8.6	105	0.00
90		Hexachlorobutadiene	0.166	0.158	4.8	132	0.00
91	M	Naphthalene	1.560	1.480	5.1	104	0.00
92		1,2,3-Trichlorobenzene	0.450	0.407	9.6	103	0.00

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