Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
Data File : VX036163.D
Acq On : 15 Jun 2023 10:59
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 16 07:51:34 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	94	0.00
2	M	Dichlorodifluoromethane	1.534	1.895	-23.5	180#	0.00
3	M	Chloromethane	1.882	1.795	4.6	101	0.00
4	M	Vinyl Chloride	1.769	1.723	2.6	111	0.00
5	M	Bromomethane	1.190	1.038	12.8	89	0.00
6	M	Chloroethane	1.115	1.128	-1.2	109	0.00
7	M	Trichlorofluoromethane	2.681	2.869	-7.0	141	0.00
8	T	Diethyl Ether	1.115	1.150	-3.1	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.443	1.698	-17.7	166#	0.00
10	M	1,1-Dichloroethene	1.504	1.503	0.1	112	0.00
11		Methyl Iodide	1.817	1.647	9.4	98	0.00
12		Methyl Acetate	4.249	4.940	-16.3	111	0.00
13	M	Acrolein	0.336	0.306	8.9	94	0.00
14	M	Acrylonitrile	1.065	1.176	-10.4	108	0.00
15	M	Acetone	0.319	0.310	2.8	91	-0.01
16	M	Carbon Disulfide	3.264	3.179	2.6	118	0.00
17		Allyl chloride	3.034	3.217	-6.0	111	0.00
18	M	Methylene Chloride	1.958	2.006	-2.5	103	0.00
19	M	trans-1,2-Dichloroethene	1.695	1.740	-2.7	105	0.00
20	T	Diisopropyl ether	6.550	6.961	-6.3	105	0.00
21	M	1,1-Dichloroethane	3.433	3.689	-7.5	110	0.00
22	M	cis-1,2-Dichloroethene	2.098	2.153	-2.6	105	0.00
23	M	tert-Butyl Alcohol	0.389	0.433	-11.3	106	-0.02
24	M	Methyl tert-Butyl Ether	6.061	6.889	-13.7	113	0.00
25	M	Chloroform	3.523	3.934	-11.7	116	0.00
26		Cyclohexane	2.596	2.727	-5.0	146	0.00
27	s	1,2-Dichloroethane-d4	2.493	3.265	-31.0#	126	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29		1,1-Dichloropropene	0.418	0.404	3.3	123	0.00
30	M	2-Butanone	0.273	0.271	0.7	105	-0.01
31		2,2-Dichloropropane	0.449	0.457	-1.8	125	0.00
32	M	1,1,1-Trichloroethane	0.488	0.508	-4.1	129	0.00
33	M	Carbon Tetrachloride	0.385	0.412	-7.0	140	0.00
34	M	Benzene	1.318	1.196	9.3	102	0.00
35		Methacrylonitrile	0.292	0.299	-2.4	112	0.00
36	M	1,2-Dichloroethane	0.513	0.569	-10.9	122	0.00
37	M	Trichloroethene	0.331	0.300	9.4	105	0.00
38		Methylcyclohexane	0.458	0.452	1.3	163#	0.00
39	M	1,2-Dichloropropane	0.355	0.332	6.5	105	0.00
40		Dibromomethane	0.240	0.238	0.8	110	0.00
41	M	Bromodichloromethane	0.434	0.462	-6.5	122	0.00
42	M	Vinyl Acetate	0.803	0.778	3.1	110	0.00
43		Ethyl Acetate	0.522	0.522	0.0	113	0.00
44		Isopropyl Acetate	0.850	0.825	2.9	109	0.00
45	T	1,4-Dioxane	0.008	0.007	12.5	89	-0.03
46		Methyl methacrylate	0.411	0.410	0.2	114	0.00
47		n-amyl Acetate	0.714	0.688	3.6	110	0.00
48	M	t-1,3-Dichloropropene	0.480	0.474	1.3	118	0.00

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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	0.523	1.3	113	0.00
50	M	1,1,2-Trichloroethane	0.343	0.332	3.2	106	0.00
51		Ethyl methacrylate	0.529	0.514	2.8	111	0.00
52		1,3-Dichloropropane	0.598	0.583	2.5	106	0.00
53	M	Dibromochloromethane	0.315	0.318	-1.0	119	0.00
54	M	1,2-Dibromoethane	0.357	0.340	4.8	105	0.00
55	M	2-Chloroethyl vinyl ether	0.281	0.290	-3.2	108	0.00
56	M	Bromoform	0.204	0.203	0.5	126	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
58	M	4-Methyl-2-Pentanone	0.583	0.556	4.6	110	0.00
59	M	2-Hexanone	0.438	0.421	3.9	109	0.00
60	S	4-Bromofluorobenzene	0.503	0.538	-7.0	125	0.00
61	M	Tetrachloroethene	0.289	0.253	12.5	110	0.00
62	M	Toluene	1.545	1.332	13.8	104	0.00
63	S	Toluene-d8	1.326	1.244	6.2	109	0.00
64	M	Chlorobenzene	0.978	0.847	13.4	104	0.00
65		1,1,1,2-Tetrachloroethane	0.342	0.312	8.8	113	0.00
66	M	Ethyl Benzene	1.728	1.532	11.3	110	0.00
67	M	m/p-Xylenes	0.654	0.576	11.9	108	0.00
68	M	o-Xylene	0.654	0.570	12.8	104	0.00
69	M	Styrene	1.080	0.956	11.5	107	0.00
70		Isopropylbenzene	1.670	1.524	8.7	115	0.00
71	M	1,1,2,2-Tetrachloroethane	0.591	0.559	5.4	109	0.00
72		1,2,3-Trichloropropane	0.515	0.490	4.9	116	0.00
73		Bromobenzene	0.406	0.352	13.3	104	0.00
74		n-propylbenzene	1.990	1.831	8.0	116	0.00
75		2-Chlorotoluene	1.223	1.161	5.1	117	0.00
76		1,3,5-Trimethylbenzene	1.418	1.334	5.9	117	0.00
77		t-1,4-Dichloro-2-butene	0.155	0.139	10.3	124	0.00
78		4-Chlorotoluene	1.393	1.338	3.9	118	0.00
79		tert-butylbenzene	1.369	1.277	6.7	119	0.00
80		1,2,4-Trimethylbenzene	1.425	1.333	6.5	115	0.00
81		sec-Butylbenzene	1.728	1.613	6.7	125	0.00
82		p-Isopropyltoluene	1.438	1.332	7.4	122	0.00
83	M	1,3-Dichlorobenzene	0.768	0.693	9.8	110	0.00
84	M	1,4-Dichlorobenzene	0.771	0.689	10.6	109	0.00
85		n-Butylbenzene	1.279	1.209	5.5	133	0.00
86	T	Hexachloroethane	0.226	0.203	10.2	132	0.00
87	M	1,2-Dichlorobenzene	0.752	0.688	8.5	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.113	0.121	-7.1	134	0.00
89		1,2,4-Trichlorobenzene	0.451	0.414	8.2	116	0.00
90		Hexachlorobutadiene	0.166	0.164	1.2	150	0.00
91	M	Naphthalene	1.560	1.420	9.0	109	0.00
92		1,2,3-Trichlorobenzene	0.450	0.411	8.7	114	0.00

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