Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX070220\
Data File : VX017140.D
Acq On : 02 Jul 2020 11:50
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jul 03 01:00:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	117	0.00
2	M	Dichlorodifluoromethane	1.459	1.622	-11.2	151#	0.00
3	M	Chloromethane	1.978	1.656	16.3	99	0.00
4	M	Vinyl Chloride	2.017	1.625	19.4	97	0.00
5	M	Bromomethane	1.453	1.135	21.9	88	0.00
6	M	Chloroethane	1.301	1.055	18.9	98	0.00
7	M	Trichlorofluoromethane	3.281	2.851	13.1	107	0.00
8	T	Diethyl Ether	1.194	0.949	20.5	97	0.00
9		1,1,2-Trichlorotrifluoroeth	1.741	1.553	10.8	110	0.00
10	M	1,1-Dichloroethene	1.717	1.471	14.3	104	0.00
11		Methyl Iodide	2.293	2.018	12.0	123	0.00
12		Methyl Acetate	2.166	1.882	13.1	106	0.00
13	M	Acrolein	0.342	0.289	15.5	106	0.00
14	M	Acrylonitrile	1.026	0.862	16.0	100	0.00
15	M	Acetone	0.266	0.196	26.3	90	0.00
16	M	Carbon Disulfide	5.399	4.584	15.1	104	0.00
17		Allyl chloride	3.215	2.755	14.3	101	0.00
18	M	Methylene Chloride	2.069	1.829	11.6	108	0.00
19	M	trans-1,2-Dichloroethene	1.946	1.769	9.1	111	0.00
20	T	Diisopropyl ether	6.425	5.591	13.0	106	0.00
21	M	1,1-Dichloroethane	3.543	3.065	13.5	104	0.00
22	M	cis-1,2-Dichloroethene	2.166	1.943	10.3	109	0.00
23	M	tert-Butyl Alcohol	0.455	0.349	23.3	92	0.00
24	M	Methyl tert-Butyl Ether	6.132	5.506	10.2	109	0.00
25	M	Chloroform	3.592	3.281	8.7	111	0.00
26		Cyclohexane	3.091	2.627	15.0	103	0.00
27	s	1,2-Dichloroethane-d4	2.335	2.160	7.5	108	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.489	0.475	2.9	113	0.00
30	M	2-Butanone	0.255	0.221	13.3	98	0.00
31		2,2-Dichloropropane	0.560	0.571	-2.0	116	0.00
32	M	1,1,1-Trichloroethane	0.591	0.581	1.7	114	0.00
33	M	Carbon Tetrachloride	0.524	0.543	-3.6	120	0.00
34	M	Benzene	1.423	1.350	5.1	109	0.00
35		Methacrylonitrile	0.281	0.251	10.7	102	0.00
36	M	1,2-Dichloroethane	0.545	0.517	5.1	109	0.00
37	M	Trichloroethene	0.388	0.409	-5.4	120	0.00
38		Methylcyclohexane	0.557	0.525	5.7	112	0.00
39	M	1,2-Dichloropropane	0.371	0.352	5.1	111	0.00
40		Dibromomethane	0.256	0.243	5.1	110	0.00
41	M	Bromodichloromethane	0.529	0.512	3.2	111	0.00
42	M	Vinyl Acetate	1.027	0.927	9.7	104	0.00
43		Ethyl Acetate	0.528	0.461	12.7	100	0.00
44		Isopropyl Acetate	0.870	0.755	13.2	101	0.00
45	T	1,4-Dioxane	0.009	0.007#	22.2	92	0.00

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jul 03 01:00:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.402	0.361	10.2	104	0.00
47		n-amyl Acetate	0.769	0.640	16.8	101	0.00
48	M	t-1,3-Dichloropropene	0.585	0.547	6.5	112	0.00
49	T	cis-1,3-Dichloropropene	0.615	0.591	3.9	111	0.00
50	M	1,1,2-Trichloroethane	0.357	0.352	1.4	115	0.00
51		Ethyl methacrylate	0.547	0.499	8.8	107	0.00
52		1,3-Dichloropropane	0.612	0.592	3.3	108	0.00
53	M	Dibromochloromethane	0.410	0.422	-2.9	122	0.00
54	M	1,2-Dibromoethane	0.378	0.382	-1.1	118	0.00
55	M	2-Chloroethyl vinyl ether	0.288	0.249	13.5	101	0.00
56	M	Bromoform	0.291	0.324	-11.3	136	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
58	M	4-Methyl-2-Pentanone	0.553	0.476	13.9	102	0.00
59	M	2-Hexanone	0.412	0.357	13.3	103	0.00
60	S	4-Bromofluorobenzene	0.500	0.500	0.0	119	0.00
61	M	Tetrachloroethene	0.383	0.421	-9.9	134	0.00
62	M	Toluene	1.641	1.516	7.6	110	0.00
63	S	Toluene-d8	1.322	1.292	2.3	113	0.00
64	M	Chlorobenzene	1.028	0.984	4.3	117	0.00
65		1,1,1,2-Tetrachloroethane	0.387	0.397	-2.6	123	0.00
66	M	Ethyl Benzene	1.820	1.694	6.9	113	0.00
67	M	m/p-Xylenes	0.686	0.665	3.1	119	0.00
68	M	o-Xylene	0.659	0.618	6.2	114	0.00
69	M	Styrene	1.129	1.069	5.3	119	0.00
70		Isopropylbenzene	1.788	1.697	5.1	118	0.00
71	M	1,1,2,2-Tetrachloroethane	0.549	0.495	9.8	111	0.00
72		1,2,3-Trichloropropane	0.527	0.493	6.5	111	0.00
73		Bromobenzene	0.451	0.463	-2.7	124	0.00
74		n-propylbenzene	2.123	1.984	6.5	116	0.00
75		2-Chlorotoluene	1.238	1.187	4.1	120	0.00
76		1,3,5-Trimethylbenzene	1.501	1.469	2.1	122	0.00
77		t-1,4-Dichloro-2-butene	0.214	0.178	16.8	105	0.00
78		4-Chlorotoluene	1.466	1.425	2.8	121	0.00
79		tert-butylbenzene	1.438	1.408	2.1	121	0.00
80		1,2,4-Trimethylbenzene	1.507	1.484	1.5	121	0.00
81		sec-Butylbenzene	1.741	1.658	4.8	119	0.00
82		p-Isopropyltoluene	1.572	1.596	-1.5	126	0.00
83	M	1,3-Dichlorobenzene	0.809	0.836	-3.3	127	0.00
84	M	1,4-Dichlorobenzene	0.813	0.863	-6.2	131	0.00
85		n-Butylbenzene	1.455	1.336	8.2	115	0.00
86	T	Hexachloroethane	0.308	0.296	3.9	119	0.00
87	M	1,2-Dichlorobenzene	0.757	0.786	-3.8	127	0.00
88		1,2-Dibromo-3-Chloropropane	0.125	0.114	8.8	111	0.00
89		1,2,4-Trichlorobenzene	0.511	0.534	-4.5	134	0.00
90		Hexachlorobutadiene	0.194	0.231	-19.1	153#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.674	1.601	4.4	118	0.00
92	1,2,3-Trichlorobenzene	0.498	0.534	-7.2	134	0.00

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