Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
Data File : VX017295.D
Acq On : 09 Jul 2020 06:36
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jul 09 07:15:56 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	124	0.00
2	M	Dichlorodifluoromethane	1.459	1.396	4.3	137	0.00
3	M	Chloromethane	1.978	1.468	25.8	93	0.00
4	M	Vinyl Chloride	2.017	1.486	26.3	94	0.00
5	M	Bromomethane	1.453	1.105	24.0	91	0.00
6	M	Chloroethane	1.301	0.953	26.7	94	0.00
7	M	Trichlorofluoromethane	3.281	2.689	18.0	106	0.00
8	T	Diethyl Ether	1.194	0.873	26.9	94	0.00
9		1,1,2-Trichlorotrifluoroeth	1.741	1.451	16.7	108	0.00
10	M	1,1-Dichloroethene	1.717	1.440	16.1	107	0.00
11		Methyl Iodide	2.293	1.365	40.5#	88	0.00
12		Methyl Acetate	2.166	1.932	10.8	115	0.00
13	M	Acrolein	0.342	0.287	16.1	111	0.00
14	M	Acrylonitrile	1.026	0.855	16.7	105	0.00
15	M	Acetone	0.266	0.234	12.0	113	0.00
16	M	Carbon Disulfide	5.399	3.958	26.7	95	0.00
17		Allyl chloride	3.215	2.435	24.3	95	0.00
18	M	Methylene Chloride	2.069	1.690	18.3	105	0.00
19	M	trans-1,2-Dichloroethene	1.946	1.601	17.7	107	0.00
20	T	Diisopropyl ether	6.425	5.142	20.0	103	0.00
21	M	1,1-Dichloroethane	3.543	2.919	17.6	105	0.00
22	M	cis-1,2-Dichloroethene	2.166	1.803	16.8	107	0.00
23	M	tert-Butyl Alcohol	0.455	0.357	21.5	100	0.00
24	M	Methyl tert-Butyl Ether	6.132	5.125	16.4	107	0.00
25	M	Chloroform	3.592	3.061	14.8	109	0.00
26		Cyclohexane	3.091	2.255	27.0	93	0.00
27	s	1,2-Dichloroethane-d4	2.335	2.172	7.0	114	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
29		1,1-Dichloropropene	0.489	0.414	15.3	104	0.00
30	M	2-Butanone	0.255	0.224	12.2	105	0.00
31		2,2-Dichloropropane	0.560	0.328	41.4#	71	0.00
32	M	1,1,1-Trichloroethane	0.591	0.553	6.4	114	0.00
33	M	Carbon Tetrachloride	0.524	0.498	5.0	116	0.00
34	M	Benzene	1.423	1.244	12.6	106	0.00
35		Methacrylonitrile	0.281	0.247	12.1	106	0.00
36	M	1,2-Dichloroethane	0.545	0.486	10.8	109	0.00
37	M	Trichloroethene	0.388	0.361	7.0	112	0.00
38		Methylcyclohexane	0.557	0.418	25.0	94	0.00
39	M	1,2-Dichloropropane	0.371	0.318	14.3	106	0.00
40		Dibromomethane	0.256	0.232	9.4	111	0.00
41	M	Bromodichloromethane	0.529	0.476	10.0	109	0.00
42	M	Vinyl Acetate	1.027	0.847	17.5	100	0.00
43		Ethyl Acetate	0.528	0.450	14.8	103	0.00
44		Isopropyl Acetate	0.870	0.720	17.2	102	0.00
45	T	1,4-Dioxane	0.009	0.007#	22.2	95	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.402	0.351	12.7	107	0.00
47		n-amyl Acetate	0.769	0.622	19.1	104	0.00
48	M	t-1,3-Dichloropropene	0.585	0.476	18.6	103	0.00
49	T	cis-1,3-Dichloropropene	0.615	0.502	18.4	100	0.00
50	M	1,1,2-Trichloroethane	0.357	0.334	6.4	116	0.00
51		Ethyl methacrylate	0.547	0.468	14.4	107	0.00
52		1,3-Dichloropropane	0.612	0.564	7.8	109	0.00
53	M	Dibromochloromethane	0.410	0.402	2.0	123	0.00
54	M	1,2-Dibromoethane	0.378	0.363	4.0	119	0.00
55	M	2-Chloroethyl vinyl ether	0.288	0.262	9.0	112	0.00
56	M	Bromoform	0.291	0.313	-7.6	139	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	123	0.00
58	M	4-Methyl-2-Pentanone	0.553	0.471	14.8	108	0.00
59	M	2-Hexanone	0.412	0.348	15.5	107	0.00
60	S	4-Bromofluorobenzene	0.500	0.508	-1.6	128	0.00
61	M	Tetrachloroethene	0.383	0.375	2.1	127	0.00
62	M	Toluene	1.641	1.384	15.7	107	0.00
63	S	Toluene-d8	1.322	1.273	3.7	118	0.00
64	M	Chlorobenzene	1.028	0.921	10.4	116	0.00
65		1,1,1,2-Tetrachloroethane	0.387	0.374	3.4	124	0.00
66	M	Ethyl Benzene	1.820	1.514	16.8	107	0.00
67	M	m/p-Xylenes	0.686	0.590	14.0	112	0.00
68	M	o-Xylene	0.659	0.548	16.8	107	0.00
69	M	Styrene	1.129	0.985	12.8	116	0.00
70		Isopropylbenzene	1.788	1.528	14.5	113	0.00
71	M	1,1,2,2-Tetrachloroethane	0.549	0.488	11.1	116	0.00
72		1,2,3-Trichloropropane	0.527	0.479	9.1	115	0.00
73		Bromobenzene	0.451	0.419	7.1	119	0.00
74		n-propylbenzene	2.123	1.726	18.7	107	0.00
75		2-Chlorotoluene	1.238	1.082	12.6	117	0.00
76		1,3,5-Trimethylbenzene	1.501	1.309	12.8	115	0.00
77		t-1,4-Dichloro-2-butene	0.214	0.147	31.3#	93	0.00
78		4-Chlorotoluene	1.466	1.287	12.2	117	0.00
79		tert-butylbenzene	1.438	1.257	12.6	115	0.00
80		1,2,4-Trimethylbenzene	1.507	1.335	11.4	116	0.00
81		sec-Butylbenzene	1.741	1.427	18.0	109	0.00
82		p-Isopropyltoluene	1.572	1.326	15.6	112	0.00
83	M	1,3-Dichlorobenzene	0.809	0.768	5.1	124	0.00
84	M	1,4-Dichlorobenzene	0.813	0.761	6.4	123	0.00
85		n-Butylbenzene	1.455	1.100	24.4	101	0.00
86	T	Hexachloroethane	0.308	0.268	13.0	114	0.00
87	M	1,2-Dichlorobenzene	0.757	0.733	3.2	126	0.00
88		1,2-Dibromo-3-Chloropropane	0.125	0.116	7.2	119	0.00
89		1,2,4-Trichlorobenzene	0.511	0.483	5.5	129	0.00
90		Hexachlorobutadiene	0.194	0.201	-3.6	142	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.674	1.478	11.7	116	0.00
92	1,2,3-Trichlorobenzene	0.498	0.489	1.8	131	0.00

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