Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102320\
Data File : VX019090.D
Acq On : 23 Oct 2020 20:37
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Oct 26 05:09:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	96	0.00
2	M	Dichlorodifluoromethane	20.000	17.699	11.5	99	0.00
3	M	Chloromethane	20.000	18.756	6.2	102	0.00
4	M	Vinyl Chloride	20.000	18.213	8.9	100	0.00
5	M	Bromomethane	20.000	21.641	-8.2	94	0.00
6	M	Chloroethane	20.000	17.760	11.2	99	0.00
7	M	Trichlorofluoromethane	20.000	17.937	10.3	102	0.00
8	T	Diethyl Ether	20.000	18.236	8.8	101	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.873	10.6	100	0.00
10	M	1,1-Dichloroethene	20.000	17.503	12.5	98	0.00
11		Methyl Iodide	20.000	18.159	9.2	115	0.00
12		Methyl Acetate	20.000	19.096	4.5	107	0.00
13	M	Acrolein	100.000	98.905	1.1	143	-0.01
14	M	Acrylonitrile	100.000	92.071	7.9	104	0.00
15	M	Acetone	100.000	98.225	1.8	119	0.00
16	M	Carbon Disulfide	20.000	17.112	14.4	96	0.00
17		Allyl chloride	20.000	18.088	9.6	103	0.00
18	M	Methylene Chloride	20.000	18.052	9.7	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.759	11.2	99	0.00
20	T	Diisopropyl ether	20.000	17.968	10.2	102	0.00
21	M	1,1-Dichloroethane	20.000	17.951	10.2	100	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.687	11.6	99	0.00
23	M	tert-Butyl Alcohol	100.000	94.246	5.8	108	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.967	10.2	101	0.00
25	M	Chloroform	20.000	18.062	9.7	102	0.00
26		Cyclohexane	20.000	17.617	11.9	100	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.777	-2.6	95	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29		1,1-Dichloropropene	20.000	17.431	12.8	99	0.00
30	M	2-Butanone	100.000	92.715	7.3	107	0.00
31		2,2-Dichloropropane	20.000	16.129	19.4	91	0.00
32	M	1,1,1-Trichloroethane	20.000	17.519	12.4	99	0.00
33	M	Carbon Tetrachloride	20.000	17.110	14.5	100	0.00
34	M	Benzene	20.000	17.893	10.5	102	0.00
35		Methacrylonitrile	20.000	17.653	11.7	96	0.00
36	M	1,2-Dichloroethane	20.000	18.089	9.6	102	0.00
37	M	Trichloroethene	20.000	17.354	13.2	100	0.00
38		Methylcyclohexane	20.000	16.913	15.4	97	0.00
39	M	1,2-Dichloropropane	20.000	18.321	8.4	107	0.00
40		Dibromomethane	20.000	17.897	10.5	103	0.00
41	M	Bromodichloromethane	20.000	17.461	12.7	102	0.00
42	M	Vinyl Acetate	100.000	87.807	12.2	99	0.00
43		Ethyl Acetate	20.000	17.509	12.5	101	0.00
44		Isopropyl Acetate	20.000	17.276	13.6	100	0.00
45	T	1,4-Dioxane	400.000	367.529	8.1	102	-0.02

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Quant Time: Oct 26 05:09:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	17.511	12.4	98	0.00
47		n-amyl Acetate	20.000	17.928	10.4	105	0.00
48	M	t-1,3-Dichloropropene	20.000	16.349	18.3	96	0.00
49	T	cis-1,3-Dichloropropene	20.000	17.138	14.3	100	0.00
50	M	1,1,2-Trichloroethane	20.000	17.895	10.5	105	0.00
51		Ethyl methacrylate	20.000	17.451	12.7	103	0.00
52		1,3-Dichloropropane	20.000	18.216	8.9	104	0.00
53	M	Dibromochloromethane	20.000	16.838	15.8	104	0.00
54	M	1,2-Dibromoethane	20.000	17.236	13.8	100	0.00
55	M	2-Chloroethyl vinyl ether	100.000	86.107	13.9	88	0.00
56	M	Bromoform	20.000	16.844	15.8	106	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	100.000	93.407	6.6	104	0.00
59	M	2-Hexanone	100.000	93.782	6.2	102	0.00
60	S	4-Bromofluorobenzene	30.000	31.039	-3.5	100	0.00
61	M	Tetrachloroethene	20.000	18.443	7.8	103	0.00
62	M	Toluene	20.000	17.829	10.9	101	0.00
63	S	Toluene-d8	30.000	30.493	-1.6	96	0.00
64	M	Chlorobenzene	20.000	17.815	10.9	103	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.631	11.8	103	0.00
66	M	Ethyl Benzene	20.000	17.891	10.5	102	0.00
67	M	m/p-Xylenes	40.000	36.361	9.1	105	0.00
68	M	o-Xylene	20.000	18.006	10.0	106	0.00
69	M	Styrene	20.000	17.930	10.4	107	0.00
70		Isopropylbenzene	20.000	18.199	9.0	107	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.641	1.8	112	0.00
72		1,2,3-Trichloropropane	20.000	20.076	-0.4	111	0.00
73		Bromobenzene	20.000	18.527	7.4	109	0.00
74		n-propylbenzene	20.000	18.341	8.3	106	0.00
75		2-Chlorotoluene	20.000	19.058	4.7	111	0.00
76		1,3,5-Trimethylbenzene	20.000	18.639	6.8	110	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.412	17.9	98	0.00
78		4-Chlorotoluene	20.000	18.641	6.8	109	0.00
79		tert-butylbenzene	20.000	18.299	8.5	108	0.00
80		1,2,4-Trimethylbenzene	20.000	18.681	6.6	108	0.00
81		sec-Butylbenzene	20.000	18.504	7.5	108	0.00
82		p-Isopropyltoluene	20.000	18.300	8.5	108	0.00
83	M	1,3-Dichlorobenzene	20.000	18.809	6.0	111	0.00
84	M	1,4-Dichlorobenzene	20.000	18.721	6.4	111	0.00
85		n-Butylbenzene	20.000	18.248	8.8	108	0.00
86	T	Hexachloroethane	20.000	17.396	13.0	109	0.00
87	M	1,2-Dichlorobenzene	20.000	19.361	3.2	114	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.862	5.7	112	0.00
89		1,2,4-Trichlorobenzene	20.000	17.833	10.8	107	0.00
90		Hexachlorobutadiene	20.000	17.047	14.8	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.113	9.4	109	0.00
92	1,2,3-Trichlorobenzene	20.000	18.272	8.6	110	0.00

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