Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
Data File : VX039030.D
Acq On : 27 Nov 2023 10:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Nov 28 01:09:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 27 03:22:25 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	98	0.00
2	M	Dichlorodifluoromethane	20.000	19.873	0.6	96	0.00
3	M	Chloromethane	20.000	19.402	3.0	96	0.00
4	M	Vinyl Chloride	20.000	19.775	1.1	97	0.00
5	M	Bromomethane	20.000	22.542	-12.7	98	0.00
6	M	Chloroethane	20.000	20.454	-2.3	96	0.00
7	M	Trichlorofluoromethane	20.000	20.439	-2.2	99	0.00
8	T	Diethyl Ether	20.000	19.865	0.7	97	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.438	-2.2	102	0.00
10	M	1,1-Dichloroethene	20.000	20.354	-1.8	101	0.00
11		Methyl Iodide	20.000	19.593	2.0	105	0.00
12		Methyl Acetate	20.000	19.247	3.8	96	0.00
13	M	Acrolein	100.000	110.683	-10.7	114	0.00
14	M	Acrylonitrile	100.000	98.807	1.2	98	0.00
15	M	Acetone	100.000	116.351	-16.4	101	0.00
16	M	Carbon Disulfide	20.000	19.249	3.8	96	0.00
17		Allyl chloride	20.000	19.674	1.6	97	0.00
18	M	Methylene Chloride	20.000	19.721	1.4	100	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.550	2.2	99	0.00
20	T	Diisopropyl ether	20.000	19.652	1.7	97	0.00
21	M	1,1-Dichloroethane	20.000	19.629	1.9	98	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.474	2.6	96	0.00
23	M	tert-Butyl Alcohol	100.000	91.417	8.6	94	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.885	0.6	99	0.00
25	M	Chloroform	20.000	19.866	0.7	99	0.00
26		Cyclohexane	20.000	19.549	2.3	97	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.501	-1.7	97	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29		1,1-Dichloropropene	20.000	19.218	3.9	97	0.00
30	M	2-Butanone	100.000	101.221	-1.2	99	0.00
31		2,2-Dichloropropane	20.000	19.977	0.1	99	0.00
32	M	1,1,1-Trichloroethane	20.000	19.655	1.7	98	0.00
33	M	Carbon Tetrachloride	20.000	19.561	2.2	98	0.00
34	M	Benzene	20.000	19.264	3.7	97	0.00
35		Methacrylonitrile	20.000	18.200	9.0	94	-0.01
36	M	1,2-Dichloroethane	20.000	19.842	0.8	99	0.00
37	M	Trichloroethene	20.000	19.521	2.4	98	0.00
38		Methylcyclohexane	20.000	19.940	0.3	99	0.00
39	M	1,2-Dichloropropane	20.000	19.514	2.4	101	0.00
40		Dibromomethane	20.000	19.537	2.3	99	0.00
41	M	Bromodichloromethane	20.000	19.568	2.2	98	0.00
42	M	Vinyl Acetate	100.000	99.184	0.8	99	0.00
43		Ethyl Acetate	20.000	19.437	2.8	97	0.00
44		Isopropyl Acetate	20.000	19.906	0.5	102	0.00
45	T	1,4-Dioxane	400.000	371.865	7.0	98	0.00
46		Methyl methacrylate	20.000	19.017	4.9	97	0.00
47		n-amyl Acetate	20.000	18.889	5.6	100	0.00
48	M	t-1,3-Dichloropropene	20.000	19.224	3.9	97	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.279	3.6	97	0.00
50	M	1,1,2-Trichloroethane	20.000	19.748	1.3	99	0.00
51		Ethyl methacrylate	20.000	19.334	3.3	101	0.00
52		1,3-Dichloropropane	20.000	19.290	3.6	97	0.00
53	M	Dibromochloromethane	20.000	19.407	3.0	97	0.00
54	M	1,2-Dibromoethane	20.000	19.093	4.5	97	0.00
55	M	2-Chloroethyl vinyl ether	100.000	89.599	10.4	95	0.00
56	M	Bromoform	20.000	19.150	4.3	99	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	100.000	97.584	2.4	97	0.00
59	M	2-Hexanone	100.000	99.551	0.4	99	0.00
60	S	4-Bromofluorobenzene	30.000	29.377	2.1	98	0.00
61	M	Tetrachloroethene	20.000	19.918	0.4	97	0.00
62	M	Toluene	20.000	19.583	2.1	98	0.00
63	S	Toluene-d8	30.000	29.656	1.1	97	0.00
64	M	Chlorobenzene	20.000	19.353	3.2	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.539	2.3	97	0.00
66	M	Ethyl Benzene	20.000	19.434	2.8	97	0.00
67	M	m/p-Xylenes	40.000	39.002	2.5	98	0.00
68	M	o-Xylene	20.000	19.428	2.9	98	0.00
69	M	Styrene	20.000	19.138	4.3	97	0.00
70		Isopropylbenzene	20.000	19.594	2.0	98	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.340	3.3	98	0.00
72		1,2,3-Trichloropropane	20.000	20.049	-0.2	100	0.00
73		Bromobenzene	20.000	19.417	2.9	100	0.00
74		n-propylbenzene	20.000	19.443	2.8	97	0.00
75		2-Chlorotoluene	20.000	19.571	2.1	99	0.00
76		1,3,5-Trimethylbenzene	20.000	19.653	1.7	99	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.105	4.5	102	0.00
78		4-Chlorotoluene	20.000	19.413	2.9	97	0.00
79		tert-butylbenzene	20.000	19.451	2.7	97	0.00
80		1,2,4-Trimethylbenzene	20.000	19.539	2.3	98	0.00
81		sec-Butylbenzene	20.000	19.647	1.8	100	0.00
82		p-Isopropyltoluene	20.000	19.433	2.8	98	0.00
83	M	1,3-Dichlorobenzene	20.000	19.642	1.8	101	0.00
84	M	1,4-Dichlorobenzene	20.000	19.490	2.6	99	0.00
85		n-Butylbenzene	20.000	19.282	3.6	99	0.00
86	T	Hexachloroethane	20.000	19.132	4.3	98	0.00
87	M	1,2-Dichlorobenzene	20.000	19.374	3.1	97	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.433	2.8	98	0.00
89		1,2,4-Trichlorobenzene	20.000	19.382	3.1	98	0.00
90		Hexachlorobutadiene	20.000	19.338	3.3	97	0.00
91	M	Naphthalene	20.000	18.801	6.0	97	0.00
92		1,2,3-Trichlorobenzene	20.000	19.576	2.1	99	0.00

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