Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082000.D
Acq On : 06 May 2024 09:35
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: May 07 00:24:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
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	84	0.00
2	M	Dichlorodifluoromethane	20.000	18.509	7.5	79	0.00
3	M	Chloromethane	20.000	18.702	6.5	81	0.00
4	M	Vinyl Chloride	20.000	19.147	4.3	83	0.00
5	M	Bromomethane	20.000	18.349	8.3	77	0.00
6	M	Chloroethane	20.000	20.921	-4.6	87	0.00
7	M	Trichlorofluoromethane	20.000	19.269	3.7	81	0.00
8	T	Diethyl Ether	20.000	18.831	5.8	78	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.230	8.8	76	0.02
10	M	1,1-Dichloroethene	20.000	19.220	3.9	83	0.00
11		Methyl Iodide	20.000	17.590	12.1	85	0.00
12		Methyl Acetate	20.000	21.424	-7.1	92	0.00
13	M	Acrolein	100.000	83.954	16.0	74	0.00
14	M	Acrylonitrile	100.000	103.461	-3.5	87	0.00
15	M	Acetone	100.000	111.215	-11.2	91	0.00
16	M	Carbon Disulfide	20.000	18.272	8.6	80	0.00
17		Allyl chloride	20.000	19.922	0.4	81	0.00
18	M	Methylene Chloride	20.000	19.836	0.8	87	-0.01
19	M	trans-1,2-Dichloroethene	20.000	19.145	4.3	85	-0.01
20	T	Diisopropyl ether	20.000	19.376	3.1	82	0.00
21	M	1,1-Dichloroethane	20.000	20.101	-0.5	84	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.145	-0.7	87	0.00
23	M	tert-Butyl Alcohol	100.000	96.919	3.1	78	0.02
24	M	Methyl tert-Butyl Ether	20.000	19.129	4.4	79	0.00
25	M	Chloroform	20.000	19.917	0.4	84	0.00
26		Cyclohexane	20.000	19.559	2.2	85	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.290	-4.3	89	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29		1,1-Dichloropropene	20.000	18.012	9.9	79	0.00
30	M	2-Butanone	100.000	99.053	0.9	85	0.00
31		2,2-Dichloropropane	20.000	22.705	-13.5	102	0.00
32	M	1,1,1-Trichloroethane	20.000	19.302	3.5	84	0.00
33	M	Carbon Tetrachloride	20.000	18.396	8.0	80	0.00
34	M	Benzene	20.000	19.400	3.0	84	0.00
35		Methacrylonitrile	20.000	19.811	0.9	88	0.00
36	M	1,2-Dichloroethane	20.000	18.479	7.6	82	0.00
37	M	Trichloroethene	20.000	17.948	10.3	79	0.00
38		Methylcyclohexane	20.000	18.640	6.8	81	0.00
39	M	1,2-Dichloropropane	20.000	19.686	1.6	89	0.00
40		Dibromomethane	20.000	19.527	2.4	87	0.00
41	M	Bromodichloromethane	20.000	18.874	5.6	85	0.00
42	M	Vinyl Acetate	100.000	94.393	5.6	84	0.00
43		Ethyl Acetate	20.000	19.750	1.3	88	0.00
44		Isopropyl Acetate	20.000	19.179	4.1	84	0.00
45	T	1,4-Dioxane	400.000	385.683	3.6	84	0.00
46		Methyl methacrylate	20.000	19.563	2.2	86	0.00
47		n-amyl Acetate	20.000	18.192	9.0	81	0.00
48	M	t-1,3-Dichloropropene	20.000	18.614	6.9	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.341	3.3	85	0.00
50	M	1,1,2-Trichloroethane	20.000	20.201	-1.0	88	0.00
51		Ethyl methacrylate	20.000	17.914	10.4	79	0.00
52		1,3-Dichloropropane	20.000	19.076	4.6	84	0.00
53	M	Dibromochloromethane	20.000	17.952	10.2	82	0.00
54	M	1,2-Dibromoethane	20.000	18.804	6.0	82	0.00
55	M	2-Chloroethyl vinyl ether	100.000	104.557	-4.6	91	0.00
56	M	Bromoform	20.000	17.742	11.3	78	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58	M	4-Methyl-2-Pentanone	100.000	98.871	1.1	84	0.00
59	M	2-Hexanone	100.000	100.240	-0.2	86	0.00
60	S	4-Bromofluorobenzene	30.000	28.862	3.8	85	0.00
61	M	Tetrachloroethene	20.000	17.347	13.3	73	0.00
62	M	Toluene	20.000	19.227	3.9	83	0.00
63	S	Toluene-d8	30.000	30.661	-2.2	88	0.00
64	M	Chlorobenzene	20.000	18.951	5.2	81	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.758	6.2	80	0.00
66	M	Ethyl Benzene	20.000	19.379	3.1	81	0.00
67	M	m/p-Xylenes	40.000	38.477	3.8	82	0.00
68	M	o-Xylene	20.000	19.582	2.1	82	0.00
69	M	Styrene	20.000	19.048	4.8	83	0.00
70		Isopropylbenzene	20.000	18.952	5.2	80	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.229	-1.1	84	0.00
72		1,2,3-Trichloropropane	20.000	19.515	2.4	85	0.00
73		Bromobenzene	20.000	18.390	8.0	81	0.00
74		n-propylbenzene	20.000	19.771	1.1	84	0.00
75		2-Chlorotoluene	20.000	18.321	8.4	79	0.00
76		1,3,5-Trimethylbenzene	20.000	18.967	5.2	80	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.728	-3.6	91	0.00
78		4-Chlorotoluene	20.000	19.048	4.8	83	0.00
79		tert-butylbenzene	20.000	18.807	6.0	79	0.00
80		1,2,4-Trimethylbenzene	20.000	18.819	5.9	81	0.00
81		sec-Butylbenzene	20.000	19.196	4.0	83	0.00
82		p-Isopropyltoluene	20.000	19.922	0.4	84	0.00
83	M	1,3-Dichlorobenzene	20.000	19.584	2.1	83	0.00
84	M	1,4-Dichlorobenzene	20.000	19.461	2.7	84	0.00
85		n-Butylbenzene	20.000	20.207	-1.0	89	0.00
86	T	Hexachloroethane	20.000	19.598	2.0	84	0.00
87	M	1,2-Dichlorobenzene	20.000	18.788	6.1	81	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.006	5.0	78	0.00
89		1,2,4-Trichlorobenzene	20.000	18.238	8.8	80	0.00
90		Hexachlorobutadiene	20.000	16.162	19.2	74	0.00
91	M	Naphthalene	20.000	18.230	8.8	78	0.00
92		1,2,3-Trichlorobenzene	20.000	18.238	8.8	80	0.00

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