Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
Data File : VN084417.D
Acq On : 15 Oct 2024 16:47
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 16 01:25:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:22:28 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	91	0.00
2	M	Dichlorodifluoromethane	20.000	19.624	1.9	84	0.00
3	M	Chloromethane	20.000	19.892	0.5	88	0.00
4	M	Vinyl Chloride	20.000	20.645	-3.2	91	0.00
5	M	Bromomethane	20.000	18.934	5.3	82	0.00
6	M	Chloroethane	20.000	19.572	2.1	85	0.00
7	M	Trichlorofluoromethane	20.000	20.625	-3.1	91	0.00
8	T	Diethyl Ether	20.000	19.129	4.4	86	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.900	-4.5	94	0.00
10	M	1,1-Dichloroethene	20.000	20.059	-0.3	93	0.00
11		Methyl Iodide	20.000	19.268	3.7	87	0.00
12		Methyl Acetate	20.000	20.585	-2.9	95	0.00
13	M	Acrolein	100.000	112.069	-12.1	110	0.00
14	M	Acrylonitrile	100.000	92.425	7.6	82	0.00
15	M	Acetone	100.000	105.587	-5.6	100	0.00
16	M	Carbon Disulfide	20.000	18.576	7.1	82	0.00
17		Allyl chloride	20.000	19.080	4.6	85	0.00
18	M	Methylene Chloride	20.000	20.394	-2.0	91	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.114	4.4	85	0.00
20	T	Diisopropyl ether	20.000	20.117	-0.6	89	0.00
21	M	1,1-Dichloroethane	20.000	20.796	-4.0	92	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.424	-2.1	90	0.00
23	M	tert-Butyl Alcohol	100.000	85.894	14.1	79	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.356	3.2	87	-0.01
25	M	Chloroform	20.000	21.519	-7.6	95	0.00
26		Cyclohexane	20.000	18.790	6.1	81	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.707	-2.4	91	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29		1,1-Dichloropropene	20.000	20.124	-0.6	89	0.00
30	M	2-Butanone	100.000	93.651	6.3	85	0.00
31		2,2-Dichloropropane	20.000	20.867	-4.3	93	0.00
32	M	1,1,1-Trichloroethane	20.000	20.746	-3.7	89	0.00
33	M	Carbon Tetrachloride	20.000	20.499	-2.5	91	0.00
34	M	Benzene	20.000	20.439	-2.2	90	0.00
35		Methacrylonitrile	20.000	19.586	2.1	89	0.00
36	M	1,2-Dichloroethane	20.000	20.985	-4.9	92	0.00
37	M	Trichloroethene	20.000	20.027	-0.1	86	0.00
38		Methylcyclohexane	20.000	18.881	5.6	87	0.00
39	M	1,2-Dichloropropane	20.000	20.837	-4.2	90	0.00
40		Dibromomethane	20.000	21.243	-6.2	94	0.00
41	M	Bromodichloromethane	20.000	20.759	-3.8	92	0.00
42	M	Vinyl Acetate	100.000	91.891	8.1	84	0.00
43		Ethyl Acetate	20.000	18.806	6.0	85	0.00
44		Isopropyl Acetate	20.000	18.703	6.5	84	0.00
45	T	1,4-Dioxane	400.000	365.748	8.6	86	0.00
46		Methyl methacrylate	20.000	18.557	7.2	83	0.00
47		n-amyl Acetate	20.000	18.252	8.7	82	0.00
48	M	t-1,3-Dichloropropene	20.000	19.260	3.7	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.827	0.9	87	0.00
50	M	1,1,2-Trichloroethane	20.000	20.525	-2.6	91	0.00
51		Ethyl methacrylate	20.000	18.756	6.2	84	0.00
52		1,3-Dichloropropane	20.000	20.034	-0.2	88	0.00
53	M	Dibromochloromethane	20.000	20.538	-2.7	91	0.00
54	M	1,2-Dibromoethane	20.000	19.988	0.1	87	0.00
55	M	2-Chloroethyl vinyl ether	100.000	102.673	-2.7	96	0.00
56	M	Bromoform	20.000	20.026	-0.1	93	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	100.000	93.346	6.7	84	0.00
59	M	2-Hexanone	100.000	91.991	8.0	84	0.00
60	S	4-Bromofluorobenzene	30.000	30.550	-1.8	92	0.00
61	M	Tetrachloroethene	20.000	20.712	-3.6	93	0.00
62	M	Toluene	20.000	20.228	-1.1	91	0.00
63	S	Toluene-d8	30.000	30.471	-1.6	91	0.00
64	M	Chlorobenzene	20.000	19.746	1.3	90	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.545	-2.7	92	0.00
66	M	Ethyl Benzene	20.000	19.685	1.6	90	0.00
67	M	m/p-Xylenes	40.000	41.162	-2.9	93	0.00
68	M	o-Xylene	20.000	19.616	1.9	89	0.00
69	M	Styrene	20.000	19.965	0.2	91	0.00
70		Isopropylbenzene	20.000	19.595	2.0	88	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.585	2.1	89	0.00
72		1,2,3-Trichloropropane	20.000	19.257	3.7	88	0.00
73		Bromobenzene	20.000	19.889	0.6	90	0.00
74		n-propylbenzene	20.000	20.020	-0.1	91	0.00
75		2-Chlorotoluene	20.000	20.253	-1.3	91	0.00
76		1,3,5-Trimethylbenzene	20.000	20.355	-1.8	92	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.719	11.4	86	0.00
78		4-Chlorotoluene	20.000	19.905	0.5	91	0.00
79		tert-butylbenzene	20.000	19.652	1.7	90	0.00
80		1,2,4-Trimethylbenzene	20.000	20.128	-0.6	92	0.00
81		sec-Butylbenzene	20.000	19.980	0.1	91	0.00
82		p-Isopropyltoluene	20.000	19.536	2.3	91	0.00
83	M	1,3-Dichlorobenzene	20.000	20.508	-2.5	94	0.00
84	M	1,4-Dichlorobenzene	20.000	19.246	3.8	91	0.00
85		n-Butylbenzene	20.000	18.916	5.4	91	0.00
86	T	Hexachloroethane	20.000	19.555	2.2	90	0.00
87	M	1,2-Dichlorobenzene	20.000	20.071	-0.4	93	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.677	6.6	86	0.00
89		1,2,4-Trichlorobenzene	20.000	18.056	9.7	86	0.00
90		Hexachlorobutadiene	20.000	18.475	7.6	89	0.00
91	M	Naphthalene	20.000	15.269	23.7	73	0.00
92		1,2,3-Trichlorobenzene	20.000	18.056	9.7	86	0.00

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