Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083545.D
Acq On : 28 Aug 2024 18:57
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 29 00:54:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 28 12:23:16 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	91	0.00
2	M	Dichlorodifluoromethane	2.015	2.018	-0.1	99	0.00
3	M	Chloromethane	2.072	2.099	-1.3	102	0.00
4	M	Vinyl Chloride	2.175	2.134	1.9	98	0.00
5	M	Bromomethane	1.060	0.953	10.1	92	-0.02
6	M	Chloroethane	1.425	1.410	1.1	95	-0.04
7	M	Trichlorofluoromethane	3.595	3.556	1.1	98	-0.02
8	T	Diethyl Ether	1.263	1.253	0.8	98	0.00
9		1,1,2-Trichlorotrifluoroeth	1.987	1.922	3.3	97	0.00
10	M	1,1-Dichloroethene	1.881	1.794	4.6	96	-0.01
11		Methyl Iodide	2.588	2.188	15.5	83	-0.01
12		Methyl Acetate	3.228	3.801	-17.8	113	0.00
13	M	Acrolein	0.311	0.280	10.0	89	0.01
14	M	Acrylonitrile	1.002	1.064	-6.2	105	0.00
15	M	Acetone	0.297	0.257	13.5	92	0.00
16	M	Carbon Disulfide	5.067	4.688	7.5	93	-0.01
17		Allyl chloride	3.472	3.442	0.9	101	0.00
18	M	Methylene Chloride	2.086	2.126	-1.9	103	-0.01
19	M	trans-1,2-Dichloroethene	1.939	1.886	2.7	97	0.00
20	T	Diisopropyl ether	6.753	6.953	-3.0	104	0.00
21	M	1,1-Dichloroethane	3.813	3.868	-1.4	100	0.00
22	M	cis-1,2-Dichloroethene	2.398	2.320	3.3	96	0.00
23	M	tert-Butyl Alcohol	0.423	0.483	-14.2	110	0.02
24	M	Methyl tert-Butyl Ether	6.965	7.047	-1.2	100	0.00
25	M	Chloroform	4.042	4.023	0.5	99	0.00
26		Cyclohexane	3.314	3.278	1.1	99	0.00
27	s	1,2-Dichloroethane-d4	2.696	2.727	-1.1	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29		1,1-Dichloropropene	0.471	0.463	1.7	98	0.00
30	M	2-Butanone	0.241	0.244	-1.2	102	0.00
31		2,2-Dichloropropane	0.610	0.542	11.1	89	0.00
32	M	1,1,1-Trichloroethane	0.629	0.648	-3.0	101	0.00
33	M	Carbon Tetrachloride	0.548	0.536	2.2	98	0.00
34	M	Benzene	1.428	1.435	-0.5	100	0.00
35		Methacrylonitrile	0.279	0.286	-2.5	103	0.00
36	M	1,2-Dichloroethane	0.533	0.540	-1.3	99	0.00
37	M	Trichloroethene	0.338	0.340	-0.6	101	0.00
38		Methylcyclohexane	0.577	0.545	5.5	95	0.00
39	M	1,2-Dichloropropane	0.347	0.354	-2.0	100	0.00
40		Dibromomethane	0.249	0.252	-1.2	100	0.00
41	M	Bromodichloromethane	0.539	0.540	-0.2	99	0.00
42	M	Vinyl Acetate	1.185	1.140	3.8	96	0.00
43		Ethyl Acetate	0.464	0.495	-6.7	118	0.00
44		Isopropyl Acetate	1.096	1.358	-23.9	118	0.00
45	T	1,4-Dioxane	0.007	0.008	-14.3	106	0.00
46		Methyl methacrylate	0.405	0.444	-9.6	109	0.00
47		n-amyl Acetate	0.754	0.778	-3.2	107	0.00
48	M	t-1,3-Dichloropropene	0.571	0.539	5.6	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.596	0.578	3.0	97	0.00
50	M	1,1,2-Trichloroethane	0.334	0.347	-3.9	102	0.00
51		Ethyl methacrylate	0.583	0.590	-1.2	102	0.00
52		1,3-Dichloropropane	0.583	0.602	-3.3	101	0.00
53	M	Dibromochloromethane	0.391	0.386	1.3	98	0.00
54	M	1,2-Dibromoethane	0.342	0.344	-0.6	100	0.00
55	M	2-Chloroethyl vinyl ether	0.248	0.265	-6.9	98	0.00
56	M	Bromoform	0.256	0.253	1.2	98	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58	M	4-Methyl-2-Pentanone	0.532	0.590	-10.9	107	0.00
59	M	2-Hexanone	0.408	0.450	-10.3	109	0.00
60	S	4-Bromofluorobenzene	0.531	0.531	0.0	93	0.00
61	M	Tetrachloroethene	0.319	0.355	-11.3	111	0.00
62	M	Toluene	1.735	1.717	1.0	99	0.00
63	S	Toluene-d8	1.385	1.382	0.2	91	0.00
64	M	Chlorobenzene	1.075	1.073	0.2	98	0.00
65		1,1,1,2-Tetrachloroethane	0.383	0.385	-0.5	99	0.00
66	M	Ethyl Benzene	1.958	1.921	1.9	99	0.00
67	M	m/p-Xylenes	0.726	0.709	2.3	98	0.00
68	M	o-Xylene	0.713	0.726	-1.8	102	0.00
69	M	Styrene	1.213	1.185	2.3	98	0.00
70		Isopropylbenzene	1.882	1.876	0.3	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.550	0.587	-6.7	105	0.00
72		1,2,3-Trichloropropane	0.475	0.448	5.7	91	0.00
73		Bromobenzene	0.426	0.430	-0.9	100	0.00
74		n-propylbenzene	2.181	2.108	3.3	99	0.00
75		2-Chlorotoluene	1.396	1.381	1.1	99	0.00
76		1,3,5-Trimethylbenzene	1.571	1.591	-1.3	102	0.00
77		t-1,4-Dichloro-2-butene	0.206	0.195	5.3	98	0.00
78		4-Chlorotoluene	1.385	1.333	3.8	96	0.00
79		tert-butylbenzene	1.407	1.414	-0.5	100	0.00
80		1,2,4-Trimethylbenzene	1.602	1.596	0.4	101	0.00
81		sec-Butylbenzene	1.894	1.874	1.1	101	0.00
82		p-Isopropyltoluene	1.604	1.545	3.7	99	0.00
83	M	1,3-Dichlorobenzene	0.832	0.764	8.2	91	0.00
84	M	1,4-Dichlorobenzene	0.836	0.782	6.5	94	0.00
85		n-Butylbenzene	1.421	1.287	9.4	94	0.00
86	T	Hexachloroethane	0.314	0.300	4.5	96	0.00
87	M	1,2-Dichlorobenzene	0.819	0.818	0.1	101	0.00
88		1,2-Dibromo-3-Chloropropane	0.126	0.137	-8.7	104	0.00
89		1,2,4-Trichlorobenzene	0.449	0.420	6.5	96	0.00
90		Hexachlorobutadiene	0.191	0.180	5.8	97	0.00
91	M	Naphthalene	1.552	1.589	-2.4	102	0.00
92		1,2,3-Trichlorobenzene	0.449	0.420	6.5	96	0.00

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