Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083530.D
Acq On : 28 Aug 2024 12:34
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Quant Time: Aug 28 15:34:43 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	94	0.00
2	M	Dichlorodifluoromethane	2.015	2.048	-1.6	105	0.00
3	M	Chloromethane	2.072	1.999	3.5	101	0.00
4	M	Vinyl Chloride	2.175	2.092	3.8	99	0.00
5	M	Bromomethane	1.060	1.103	-4.1	110	-0.02
6	M	Chloroethane	1.425	1.379	3.2	97	-0.02
7	M	Trichlorofluoromethane	3.595	3.569	0.7	102	-0.01
8	T	Diethyl Ether	1.263	1.246	1.3	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.987	1.923	3.2	101	0.00
10	M	1,1-Dichloroethene	1.881	1.829	2.8	101	0.00
11		Methyl Iodide	2.588	2.536	2.0	100	0.00
12		Methyl Acetate	3.228	3.293	-2.0	101	-0.01
13	M	Acrolein	0.311	0.269	13.5	89	0.00
14	M	Acrylonitrile	1.002	0.991	1.1	102	0.00
15	M	Acetone	0.297	0.275	7.4	102	0.00
16	M	Carbon Disulfide	5.067	4.696	7.3	97	0.00
17		Allyl chloride	3.472	3.167	8.8	97	0.00
18	M	Methylene Chloride	2.086	2.105	-0.9	106	-0.01
19	M	trans-1,2-Dichloroethene	1.939	1.840	5.1	98	0.00
20	T	Diisopropyl ether	6.753	6.636	1.7	103	0.00
21	M	1,1-Dichloroethane	3.813	3.703	2.9	100	0.00
22	M	cis-1,2-Dichloroethene	2.398	2.393	0.2	103	0.00
23	M	tert-Butyl Alcohol	0.423	0.438	-3.5	103	0.00
24	M	Methyl tert-Butyl Ether	6.965	6.985	-0.3	103	0.00
25	M	Chloroform	4.042	4.005	0.9	102	0.00
26		Cyclohexane	3.314	3.178	4.1	100	0.00
27	s	1,2-Dichloroethane-d4	2.696	2.784	-3.3	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.471	0.438	7.0	98	0.00
30	M	2-Butanone	0.241	0.236	2.1	104	0.00
31		2,2-Dichloropropane	0.610	0.594	2.6	102	0.00
32	M	1,1,1-Trichloroethane	0.629	0.627	0.3	103	0.00
33	M	Carbon Tetrachloride	0.548	0.537	2.0	104	0.00
34	M	Benzene	1.428	1.403	1.8	103	0.00
35		Methacrylonitrile	0.279	0.282	-1.1	106	0.00
36	M	1,2-Dichloroethane	0.533	0.526	1.3	102	0.00
37	M	Trichloroethene	0.338	0.327	3.3	102	0.00
38		Methylcyclohexane	0.577	0.555	3.8	101	0.00
39	M	1,2-Dichloropropane	0.347	0.336	3.2	99	0.00
40		Dibromomethane	0.249	0.244	2.0	101	0.00
41	M	Bromodichloromethane	0.539	0.524	2.8	100	0.00
42	M	Vinyl Acetate	1.185	1.156	2.4	102	0.00
43		Ethyl Acetate	0.464	0.455	1.9	114	0.00
44		Isopropyl Acetate	1.096	1.274	-16.2	116	0.00
45	T	1,4-Dioxane	0.007	0.007	0.0	106	0.00
46		Methyl methacrylate	0.405	0.406	-0.2	105	0.00
47		n-amyl Acetate	0.754	0.721	4.4	104	0.00
48	M	t-1,3-Dichloropropene	0.571	0.538	5.8	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.596	0.567	4.9	100	0.00
50	M	1,1,2-Trichloroethane	0.334	0.328	1.8	102	0.00
51		Ethyl methacrylate	0.583	0.570	2.2	103	0.00
52		1,3-Dichloropropane	0.583	0.572	1.9	101	0.00
53	M	Dibromochloromethane	0.391	0.380	2.8	101	0.00
54	M	1,2-Dibromoethane	0.342	0.334	2.3	102	0.00
55	M	2-Chloroethyl vinyl ether	0.248	0.225	9.3	87	0.00
56	M	Bromoform	0.256	0.245	4.3	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	0.532	0.554	-4.1	105	0.00
59	M	2-Hexanone	0.408	0.413	-1.2	105	0.00
60	S	4-Bromofluorobenzene	0.531	0.538	-1.3	98	0.00
61	M	Tetrachloroethene	0.319	0.311	2.5	102	0.00
62	M	Toluene	1.735	1.685	2.9	101	0.00
63	S	Toluene-d8	1.385	1.394	-0.6	96	0.00
64	M	Chlorobenzene	1.075	1.052	2.1	101	0.00
65		1,1,1,2-Tetrachloroethane	0.383	0.370	3.4	100	0.00
66	M	Ethyl Benzene	1.958	1.871	4.4	101	0.00
67	M	m/p-Xylenes	0.726	0.701	3.4	101	0.00
68	M	o-Xylene	0.713	0.699	2.0	102	0.00
69	M	Styrene	1.213	1.150	5.2	99	0.00
70		Isopropylbenzene	1.882	1.819	3.3	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.550	0.556	-1.1	104	0.00
72		1,2,3-Trichloropropane	0.475	0.491	-3.4	104	0.00
73		Bromobenzene	0.426	0.417	2.1	101	0.00
74		n-propylbenzene	2.181	2.071	5.0	101	0.00
75		2-Chlorotoluene	1.396	1.337	4.2	100	0.00
76		1,3,5-Trimethylbenzene	1.571	1.551	1.3	104	0.00
77		t-1,4-Dichloro-2-butene	0.206	0.195	5.3	102	0.00
78		4-Chlorotoluene	1.385	1.323	4.5	100	0.00
79		tert-butylbenzene	1.407	1.377	2.1	101	0.00
80		1,2,4-Trimethylbenzene	1.602	1.567	2.2	103	0.00
81		sec-Butylbenzene	1.894	1.812	4.3	102	0.00
82		p-Isopropyltoluene	1.604	1.515	5.5	101	0.00
83	M	1,3-Dichlorobenzene	0.832	0.771	7.3	96	0.00
84	M	1,4-Dichlorobenzene	0.836	0.747	10.6	94	0.00
85		n-Butylbenzene	1.421	1.306	8.1	100	0.00
86	T	Hexachloroethane	0.314	0.301	4.1	100	0.00
87	M	1,2-Dichlorobenzene	0.819	0.759	7.3	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.126	0.130	-3.2	102	0.00
89		1,2,4-Trichlorobenzene	0.449	0.396	11.8	94	0.00
90		Hexachlorobutadiene	0.191	0.173	9.4	97	0.00
91	M	Naphthalene	1.552	1.365	12.0	91	0.00
92		1,2,3-Trichlorobenzene	0.449	0.396	11.8	94	0.00

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