Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
Data File : VN079189.D
Acq On : 08 Sep 2023 11:11
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 08 17:19:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	94	0.00
2	M	Dichlorodifluoromethane	1.673	1.568	6.3	94	0.00
3	M	Chloromethane	1.678	2.065	-23.1	122	0.00
4	M	Vinyl Chloride	1.660	1.777	-7.0	107	0.00
5	M	Bromomethane	1.019	1.111	-9.0	113	0.00
6	M	Chloroethane	1.017	1.262	-24.1	125	0.00
7	M	Trichlorofluoromethane	1.976	2.612	-32.2#	133	0.00
8	T	Diethyl Ether	0.725	1.027	-41.7#	135	0.00
9		1,1,2-Trichlorotrifluoroeth	1.089	1.524	-39.9#	136	0.02
10	M	1,1-Dichloroethene	1.055	1.485	-40.8#	132	0.00
11		Methyl Iodide	1.329	1.710	-28.7#	126	0.00
12		Methyl Acetate	2.459	3.207	-30.4#	131	0.00
13	M	Acrolein	0.224	0.196	12.5	80	0.00
14	M	Acrylonitrile	0.721	0.904	-25.4#	124	0.00
15	M	Acetone	0.188	0.260	-38.3#	132	-0.01
16	M	Carbon Disulfide	3.118	4.097	-31.4#	129	0.00
17		Allyl chloride	1.696	2.174	-28.2#	119	0.01
18	M	Methylene Chloride	1.415	1.890	-33.6#	133	0.00
19	M	trans-1,2-Dichloroethene	1.320	1.684	-27.6#	122	0.00
20	T	Diisopropyl ether	5.062	5.473	-8.1	87	0.00
21	M	1,1-Dichloroethane	2.965	3.311	-11.7	93	0.00
22	M	cis-1,2-Dichloroethene	2.065	1.993	3.5	89	0.00
23	M	tert-Butyl Alcohol	0.278	0.311	-11.9	114	0.00
24	M	Methyl tert-Butyl Ether	4.165	5.184	-24.5	118	0.00
25	M	Chloroform	3.576	3.396	5.0	93	0.00
26		Cyclohexane	2.689	2.389	11.2	86	0.00
27	s	1,2-Dichloroethane-d4	2.254	2.196	2.6	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.481	0.418	13.1	92	0.00
30	M	2-Butanone	0.242	0.201	16.9	81	0.00
31		2,2-Dichloropropane	0.480	0.441	8.1	90	0.00
32	M	1,1,1-Trichloroethane	0.567	0.496	12.5	92	0.00
33	M	Carbon Tetrachloride	0.487	0.444	8.8	97	0.00
34	M	Benzene	1.528	1.320	13.6	91	0.00
35		Methacrylonitrile	0.260	0.213	18.1	82	0.00
36	M	1,2-Dichloroethane	0.504	0.437	13.3	95	0.00
37	M	Trichloroethene	0.361	0.321	11.1	98	0.00
38		Methylcyclohexane	0.481	0.389	19.1	85	0.00
39	M	1,2-Dichloropropane	0.394	0.342	13.2	92	0.00
40		Dibromomethane	0.260	0.227	12.7	93	0.00
41	M	Bromodichloromethane	0.518	0.470	9.3	96	0.00
42	M	Vinyl Acetate	0.575	0.546	5.0	84	0.00
43		Ethyl Acetate	0.459	0.408	11.1	83	0.00
44		Isopropyl Acetate	0.827	0.653	21.0	85	0.00
45	T	1,4-Dioxane	0.008	0.006	25.0	84	0.00
46		Methyl methacrylate	0.369	0.293	20.6	83	0.00
47		n-amyl Acetate	0.581	0.491	15.5	93	0.00
48	M	t-1,3-Dichloropropene	0.561	0.469	16.4	90	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.585	0.514	12.1	96	0.00
50	M	1,1,2-Trichloroethane	0.365	0.323	11.5	93	0.00
51		Ethyl methacrylate	0.563	0.469	16.7	86	0.00
52		1,3-Dichloropropane	0.623	0.567	9.0	93	0.00
53	M	Dibromochloromethane	0.383	0.341	11.0	94	0.00
54	M	1,2-Dibromoethane	0.370	0.314	15.1	88	0.00
55	M	2-Chloroethyl vinyl ether	0.200	0.169	15.5	90	0.00
56	M	Bromoform	0.267	0.245	8.2	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	0.551	0.489	11.3	85	0.00
59	M	2-Hexanone	0.387	0.342	11.6	81	0.00
60	S	4-Bromofluorobenzene	0.442	0.490	-10.9	100	0.00
61	M	Tetrachloroethene	0.326	0.313	4.0	90	0.00
62	M	Toluene	1.747	1.671	4.4	93	0.00
63	S	Toluene-d8	1.402	1.416	-1.0	94	0.00
64	M	Chlorobenzene	1.019	0.969	4.9	93	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.386	1.0	97	0.00
66	M	Ethyl Benzene	1.759	1.709	2.8	92	0.00
67	M	m/p-Xylenes	0.662	0.654	1.2	93	0.00
68	M	o-Xylene	0.638	0.632	0.9	102	0.00
69	M	Styrene	1.018	1.048	-2.9	103	0.00
70		Isopropylbenzene	1.622	1.577	2.8	93	0.00
71	M	1,1,2,2-Tetrachloroethane	0.607	0.615	-1.3	99	0.00
72		1,2,3-Trichloropropane	0.511	0.498	2.5	99	0.00
73		Bromobenzene	0.405	0.407	-0.5	96	0.00
74		n-propylbenzene	1.848	1.898	-2.7	96	0.00
75		2-Chlorotoluene	1.185	1.221	-3.0	97	0.00
76		1,3,5-Trimethylbenzene	1.341	1.350	-0.7	93	0.00
77		t-1,4-Dichloro-2-butene	0.180	0.167	7.2	88	0.00
78		4-Chlorotoluene	1.119	1.138	-1.7	96	0.00
79		tert-butylbenzene	1.101	1.075	2.4	88	0.00
80		1,2,4-Trimethylbenzene	1.281	1.289	-0.6	92	0.00
81		sec-Butylbenzene	1.506	1.457	3.3	89	0.00
82		p-Isopropyltoluene	1.190	1.197	-0.6	91	0.00
83	M	1,3-Dichlorobenzene	0.644	0.635	1.4	91	0.00
84	M	1,4-Dichlorobenzene	0.604	0.619	-2.5	93	0.00
85		n-Butylbenzene	0.906	0.883	2.5	88	0.00
86	T	Hexachloroethane	0.236	0.231	2.1	89	0.00
87	M	1,2-Dichlorobenzene	0.635	0.632	0.5	90	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.094	8.7	84	0.00
89		1,2,4-Trichlorobenzene	0.272	0.234	14.0	83	0.00
90		Hexachlorobutadiene	0.165	0.157	4.8	96	0.00
91	M	Naphthalene	0.710	0.543	23.5	73	0.00
92		1,2,3-Trichlorobenzene	0.272	0.234	14.0	83	0.00

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