Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
Data File : VN080731.D
Acq On : 22 Jan 2024 10:25
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jan 23 01:22:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 12 05:20:11 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	105	0.00
2	M	Dichlorodifluoromethane	5.099	5.032	1.3	104	0.00
3	M	Chloromethane	6.946	6.936	0.1	108	0.00
4	M	Vinyl Chloride	5.283	5.290	-0.1	107	0.00
5	M	Bromomethane	1.940	2.131	-9.8	115	0.00
6	M	Chloroethane	2.856	3.014	-5.5	109	0.00
7	M	Trichlorofluoromethane	7.893	7.305	7.4	97	0.00
8	T	Diethyl Ether	3.673	3.459	5.8	97	0.00
9		1,1,2-Trichlorotrifluoroeth	4.548	4.405	3.1	100	0.00
10	M	1,1-Dichloroethene	4.886	4.515	7.6	96	0.00
11		Methyl Iodide	4.167	3.770	9.5	96	0.00
12		Methyl Acetate	5.780	5.191	10.2	93	0.00
13	M	Acrolein	0.768	0.568	26.0#	79	0.00
14	M	Acrylonitrile	2.605	2.488	4.5	99	0.00
15	M	Acetone	0.591	0.469	20.6	80	0.00
16	M	Carbon Disulfide	15.136	14.205	6.2	98	0.00
17		Allyl chloride	9.890	9.133	7.7	97	0.00
18	M	Methylene Chloride	5.678	5.212	8.2	94	0.00
19	M	trans-1,2-Dichloroethene	5.137	4.958	3.5	97	0.00
20	T	Diisopropyl ether	20.070	19.770	1.5	102	0.00
21	M	1,1-Dichloroethane	10.899	10.638	2.4	98	0.00
22	M	cis-1,2-Dichloroethene	6.009	5.962	0.8	103	0.00
23	M	tert-Butyl Alcohol	0.898	0.755	15.9	84	0.00
24	M	Methyl tert-Butyl Ether	17.666	16.323	7.6	93	0.00
25	M	Chloroform	10.148	9.525	6.1	98	0.00
26		Cyclohexane	8.571	8.720	-1.7	106	0.00
27	s	1,2-Dichloroethane-d4	4.845	4.325	10.7	86	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.912	0.932	-2.2	104	0.00
30	M	2-Butanone	0.404	0.373	7.7	89	0.00
31		2,2-Dichloropropane	1.096	1.073	2.1	99	-0.01
32	M	1,1,1-Trichloroethane	1.003	0.978	2.5	100	0.00
33	M	Carbon Tetrachloride	0.793	0.772	2.6	100	0.00
34	M	Benzene	2.705	2.820	-4.3	104	0.00
35		Methacrylonitrile	0.506	0.513	-1.4	99	0.00
36	M	1,2-Dichloroethane	0.995	0.871	12.5	87	0.00
37	M	Trichloroethene	0.590	0.581	1.5	102	0.00
38		Methylcyclohexane	0.888	0.955	-7.5	108	0.00
39	M	1,2-Dichloropropane	0.729	0.764	-4.8	106	0.00
40		Dibromomethane	0.434	0.422	2.8	96	0.00
41	M	Bromodichloromethane	0.949	0.903	4.8	95	0.00
42	M	Vinyl Acetate	1.876	1.848	1.5	96	0.00
43		Ethyl Acetate	0.847	0.836	1.3	89	0.00
44		Isopropyl Acetate	1.618	1.551	4.1	95	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	75	0.00
46		Methyl methacrylate	0.762	0.714	6.3	93	0.00
47		n-amyl Acetate	1.451	1.358	6.4	92	0.00
48	M	t-1,3-Dichloropropene	1.119	1.074	4.0	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.187	1.199	-1.0	102	0.00
50	M	1,1,2-Trichloroethane	0.596	0.590	1.0	96	0.00
51		Ethyl methacrylate	1.030	0.993	3.6	95	0.00
52		1,3-Dichloropropane	1.122	1.118	0.4	97	0.00
53	M	Dibromochloromethane	0.596	0.585	1.8	96	0.00
54	M	1,2-Dibromoethane	0.586	0.569	2.9	96	0.00
55	M	2-Chloroethyl vinyl ether	0.529	0.556	-5.1	99	0.00
56	M	Bromoform	0.352	0.343	2.6	98	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58	M	4-Methyl-2-Pentanone	0.789	0.768	2.7	93	0.00
59	M	2-Hexanone	0.589	0.558	5.3	92	0.00
60	S	4-Bromofluorobenzene	0.664	0.621	6.5	88	0.00
61	M	Tetrachloroethene	0.399	0.425	-6.5	105	0.00
62	M	Toluene	2.413	2.458	-1.9	101	0.00
63	S	Toluene-d8	1.317	1.304	1.0	92	0.00
64	M	Chlorobenzene	1.344	1.414	-5.2	105	0.00
65		1,1,1,2-Tetrachloroethane	0.483	0.481	0.4	101	0.00
66	M	Ethyl Benzene	2.538	2.651	-4.5	105	0.00
67	M	m/p-Xylenes	0.912	0.965	-5.8	103	0.00
68	M	o-Xylene	0.910	0.952	-4.6	105	0.00
69	M	Styrene	1.528	1.572	-2.9	101	0.00
70		Isopropylbenzene	2.223	2.273	-2.2	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.726	0.683	5.9	91	0.00
72		1,2,3-Trichloropropane	0.688	0.691	-0.4	93	0.00
73		Bromobenzene	0.474	0.470	0.8	98	0.00
74		n-propylbenzene	2.681	2.820	-5.2	104	0.00
75		2-Chlorotoluene	1.686	1.673	0.8	101	0.00
76		1,3,5-Trimethylbenzene	1.850	1.895	-2.4	103	0.00
77		t-1,4-Dichloro-2-butene	0.282	0.278	1.4	99	0.00
78		4-Chlorotoluene	1.686	1.689	-0.2	103	0.00
79		tert-butylbenzene	1.444	1.479	-2.4	102	0.00
80		1,2,4-Trimethylbenzene	1.810	1.844	-1.9	98	0.00
81		sec-Butylbenzene	2.126	2.239	-5.3	106	0.00
82		p-Isopropyltoluene	1.622	1.774	-9.4	108	0.00
83	M	1,3-Dichlorobenzene	0.822	0.873	-6.2	105	0.00
84	M	1,4-Dichlorobenzene	0.828	0.870	-5.1	105	0.00
85		n-Butylbenzene	1.602	1.660	-3.6	106	0.00
86	T	Hexachloroethane	0.305	0.293	3.9	107	0.00
87	M	1,2-Dichlorobenzene	0.807	0.830	-2.9	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.151	0.132	12.6	82	0.00
89		1,2,4-Trichlorobenzene	0.405	0.421	-4.0	101	-0.01
90		Hexachlorobutadiene	0.185	0.180	2.7	101	0.00
91	M	Naphthalene	1.577	1.478	6.3	90	0.00
92		1,2,3-Trichlorobenzene	0.405	0.421	-4.0	101	-0.01

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