Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073776.D
Acq On : 08 Aug 2022 17:40
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 09 00:29:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
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	104	0.00
2	M	Dichlorodifluoromethane	2.039	1.896	7.0	97	0.00
3	M	Chloromethane	2.696	2.401	10.9	89	0.00
4	M	Vinyl Chloride	3.309	3.034	8.3	95	0.00
5	M	Bromomethane	1.681	1.009	40.0#	54	0.00
6	M	Chloroethane	2.242	2.022	9.8	92	-0.01
7	M	Trichlorofluoromethane	3.255	4.116	-26.5#	133	0.00
8	T	Diethyl Ether	1.310	1.230	6.1	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.962	1.850	5.7	100	0.00
10	M	1,1-Dichloroethene	1.878	1.802	4.0	103	0.00
11		Methyl Iodide	2.166	0.691	68.1#	37#	0.00
12		Methyl Acetate	3.192	3.220	-0.9	106	0.00
13	M	Acrolein	0.561	0.651	-16.0	121	0.00
14	M	Acrylonitrile	1.473	1.479	-0.4	104	0.00
15	M	Acetone	0.410	0.421	-2.7	108	0.00
16	M	Carbon Disulfide	5.133	4.599	10.4	97	0.00
17		Allyl chloride	3.133	2.880	8.1	100	0.00
18	M	Methylene Chloride	2.380	2.333	2.0	106	0.00
19	M	trans-1,2-Dichloroethene	2.082	1.918	7.9	98	-0.01
20	T	Diisopropyl ether	6.815	6.398	6.1	99	0.00
21	M	1,1-Dichloroethane	4.022	3.781	6.0	100	0.00
22	M	cis-1,2-Dichloroethene	2.505	2.443	2.5	107	0.00
23	M	tert-Butyl Alcohol	0.521	0.524	-0.6	109	0.01
24	M	Methyl tert-Butyl Ether	6.619	6.390	3.5	105	0.00
25	M	Chloroform	4.151	4.050	2.4	101	0.00
26		Cyclohexane	3.469	3.035	12.5	95	0.00
27	s	1,2-Dichloroethane-d4	2.594	2.581	0.5	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.561	0.524	6.6	98	0.00
30	M	2-Butanone	0.387	0.396	-2.3	105	0.00
31		2,2-Dichloropropane	0.585	0.552	5.6	99	0.00
32	M	1,1,1-Trichloroethane	0.649	0.655	-0.9	104	0.00
33	M	Carbon Tetrachloride	0.556	0.544	2.2	104	0.00
34	M	Benzene	1.814	1.757	3.1	99	0.00
35		Methacrylonitrile	0.315	0.365	-15.9	107	0.00
36	M	1,2-Dichloroethane	0.598	0.588	1.7	99	0.00
37	M	Trichloroethene	0.446	0.429	3.8	103	0.00
38		Methylcyclohexane	0.696	0.611	12.2	95	0.00
39	M	1,2-Dichloropropane	0.458	0.460	-0.4	102	0.00
40		Dibromomethane	0.311	0.308	1.0	102	0.00
41	M	Bromodichloromethane	0.608	0.603	0.8	103	0.00
42	M	Vinyl Acetate	1.117	1.061	5.0	99	0.00
43		Ethyl Acetate	0.736	0.698	5.2	105	0.00
44		Isopropyl Acetate	1.023	1.001	2.2	102	0.00
45	T	1,4-Dioxane	0.012	0.014	-16.7	115	0.00
46		Methyl methacrylate	0.457	0.427	6.6	99	0.00
47		n-amyl Acetate	0.816	0.741	9.2	101	0.00
48	M	t-1,3-Dichloropropene	0.626	0.561	10.4	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.695	0.648	6.8	100	0.00
50	M	1,1,2-Trichloroethane	0.466	0.470	-0.9	107	0.00
51		Ethyl methacrylate	0.700	0.653	6.7	102	0.00
52		1,3-Dichloropropane	0.785	0.778	0.9	105	0.00
53	M	Dibromochloromethane	0.472	0.467	1.1	106	0.00
54	M	1,2-Dibromoethane	0.475	0.470	1.1	106	0.00
55	M	2-Chloroethyl vinyl ether	0.314	0.267	15.0	91	0.00
56	M	Bromoform	0.371	0.361	2.7	113	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.776	0.794	-2.3	102	0.00
59	M	2-Hexanone	0.597	0.610	-2.2	103	0.00
60	S	4-Bromofluorobenzene	0.531	0.518	2.4	102	0.00
61	M	Tetrachloroethene	0.460	0.445	3.3	100	0.00
62	M	Toluene	2.086	2.043	2.1	100	0.00
63	S	Toluene-d8	1.689	1.704	-0.9	100	0.00
64	M	Chlorobenzene	1.246	1.213	2.6	104	0.00
65		1,1,1,2-Tetrachloroethane	0.463	0.467	-0.9	107	0.00
66	M	Ethyl Benzene	2.230	2.081	6.7	99	0.00
67	M	m/p-Xylenes	0.852	0.824	3.3	101	0.00
68	M	o-Xylene	0.847	0.810	4.4	102	0.00
69	M	Styrene	1.396	1.338	4.2	102	0.00
70		Isopropylbenzene	2.165	2.078	4.0	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.761	0.788	-3.5	106	0.00
72		1,2,3-Trichloropropane	0.636	0.701	-10.2	126	0.00
73		Bromobenzene	0.538	0.533	0.9	108	0.00
74		n-propylbenzene	2.519	2.345	6.9	100	0.00
75		2-Chlorotoluene	1.510	1.441	4.6	100	0.00
76		1,3,5-Trimethylbenzene	1.813	1.745	3.8	101	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.201	13.4	99	0.00
78		4-Chlorotoluene	1.451	1.362	6.1	100	0.00
79		tert-butylbenzene	1.568	1.536	2.0	106	0.00
80		1,2,4-Trimethylbenzene	1.796	1.743	3.0	102	0.00
81		sec-Butylbenzene	2.251	2.148	4.6	103	0.00
82		p-Isopropyltoluene	1.848	1.706	7.7	102	0.00
83	M	1,3-Dichlorobenzene	0.984	0.930	5.5	104	0.00
84	M	1,4-Dichlorobenzene	0.949	0.876	7.7	100	0.00
85		n-Butylbenzene	1.498	1.254	16.3	97	0.00
86	T	Hexachloroethane	0.339	0.321	5.3	105	0.00
87	M	1,2-Dichlorobenzene	0.995	0.995	0.0	106	0.00
88		1,2-Dibromo-3-Chloropropane	0.166	0.169	-1.8	108	0.00
89		1,2,4-Trichlorobenzene	0.548	0.472	13.9	105	0.00
90		Hexachlorobutadiene	0.277	0.267	3.6	109	0.00
91	M	Naphthalene	1.798	1.673	7.0	109	0.00
92		1,2,3-Trichlorobenzene	0.563	0.514	8.7	106	0.00

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