Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
Data File : VN073649.D
Acq On : 29 Jul 2022 21:04
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 01 04:35:40 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	95	0.00
2	M	Dichlorodifluoromethane	2.039	1.998	2.0	92	0.00
3	M	Chloromethane	2.696	2.755	-2.2	92	0.00
4	M	Vinyl Chloride	3.309	3.396	-2.6	96	0.00
5	M	Bromomethane	1.681	1.861	-10.7	91	0.00
6	M	Chloroethane	2.242	2.278	-1.6	95	0.00
7	M	Trichlorofluoromethane	3.255	3.686	-13.2	109	0.00
8	T	Diethyl Ether	1.310	1.289	1.6	98	0.00
9		1,1,2-Trichlorotrifluoroeth	1.962	1.953	0.5	96	0.00
10	M	1,1-Dichloroethene	1.878	1.860	1.0	97	0.00
11		Methyl Iodide	2.166	2.077	4.1	100	0.00
12		Methyl Acetate	3.192	3.367	-5.5	101	0.00
13	M	Acrolein	0.561	0.631	-12.5	106	0.00
14	M	Acrylonitrile	1.473	1.496	-1.6	95	0.00
15	M	Acetone	0.410	0.432	-5.4	101	0.00
16	M	Carbon Disulfide	5.133	4.782	6.8	91	0.00
17		Allyl chloride	3.133	2.858	8.8	90	0.00
18	M	Methylene Chloride	2.380	2.585	-8.6	106	0.00
19	M	trans-1,2-Dichloroethene	2.082	2.042	1.9	95	-0.01
20	T	Diisopropyl ether	6.815	6.758	0.8	95	0.00
21	M	1,1-Dichloroethane	4.022	3.890	3.3	93	0.00
22	M	cis-1,2-Dichloroethene	2.505	2.516	-0.4	100	0.00
23	M	tert-Butyl Alcohol	0.521	0.537	-3.1	101	0.00
24	M	Methyl tert-Butyl Ether	6.619	6.734	-1.7	101	0.00
25	M	Chloroform	4.151	4.124	0.7	94	0.00
26		Cyclohexane	3.469	3.186	8.2	90	0.00
27	s	1,2-Dichloroethane-d4	2.594	2.699	-4.0	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.561	0.502	10.5	95	0.00
30	M	2-Butanone	0.387	0.367	5.2	98	0.00
31		2,2-Dichloropropane	0.585	0.455	22.2	82	0.00
32	M	1,1,1-Trichloroethane	0.649	0.618	4.8	99	0.00
33	M	Carbon Tetrachloride	0.556	0.530	4.7	102	0.00
34	M	Benzene	1.814	1.687	7.0	96	0.00
35		Methacrylonitrile	0.315	0.296	6.0	87	0.00
36	M	1,2-Dichloroethane	0.598	0.569	4.8	96	0.00
37	M	Trichloroethene	0.446	0.409	8.3	98	0.00
38		Methylcyclohexane	0.696	0.610	12.4	95	0.00
39	M	1,2-Dichloropropane	0.458	0.409	10.7	91	0.00
40		Dibromomethane	0.311	0.299	3.9	99	0.00
41	M	Bromodichloromethane	0.608	0.565	7.1	97	0.00
42	M	Vinyl Acetate	1.117	1.016	9.0	95	0.00
43		Ethyl Acetate	0.736	0.700	4.9	105	0.00
44		Isopropyl Acetate	1.023	0.954	6.7	98	0.00
45	T	1,4-Dioxane	0.012	0.011	8.3	97	0.00
46		Methyl methacrylate	0.457	0.403	11.8	94	0.00
47		n-amyl Acetate	0.816	0.740	9.3	101	0.00
48	M	t-1,3-Dichloropropene	0.626	0.553	11.7	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.695	0.623	10.4	97	0.00
50	M	1,1,2-Trichloroethane	0.466	0.446	4.3	101	0.00
51		Ethyl methacrylate	0.700	0.632	9.7	100	0.00
52		1,3-Dichloropropane	0.785	0.729	7.1	98	0.00
53	M	Dibromochloromethane	0.472	0.443	6.1	101	0.00
54	M	1,2-Dibromoethane	0.475	0.444	6.5	100	0.00
55	M	2-Chloroethyl vinyl ether	0.314	0.316	-0.6	108	0.00
56	M	Bromoform	0.371	0.334	10.0	105	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.776	0.748	3.6	96	0.00
59	M	2-Hexanone	0.597	0.569	4.7	96	0.00
60	S	4-Bromofluorobenzene	0.531	0.521	1.9	103	0.00
61	M	Tetrachloroethene	0.460	0.395	14.1	88	0.00
62	M	Toluene	2.086	1.971	5.5	97	0.00
63	S	Toluene-d8	1.689	1.684	0.3	99	0.00
64	M	Chlorobenzene	1.246	1.162	6.7	99	0.00
65		1,1,1,2-Tetrachloroethane	0.463	0.432	6.7	99	0.00
66	M	Ethyl Benzene	2.230	2.006	10.0	95	0.00
67	M	m/p-Xylenes	0.852	0.806	5.4	99	0.00
68	M	o-Xylene	0.847	0.798	5.8	100	0.00
69	M	Styrene	1.396	1.286	7.9	97	0.00
70		Isopropylbenzene	2.165	2.015	6.9	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.761	0.755	0.8	102	0.00
72		1,2,3-Trichloropropane	0.636	0.654	-2.8	117	0.00
73		Bromobenzene	0.538	0.501	6.9	102	0.00
74		n-propylbenzene	2.519	2.270	9.9	96	0.00
75		2-Chlorotoluene	1.510	1.391	7.9	96	0.00
76		1,3,5-Trimethylbenzene	1.813	1.689	6.8	97	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.200	13.8	98	0.00
78		4-Chlorotoluene	1.451	1.306	10.0	96	0.00
79		tert-butylbenzene	1.568	1.468	6.4	101	0.00
80		1,2,4-Trimethylbenzene	1.796	1.651	8.1	96	0.00
81		sec-Butylbenzene	2.251	2.016	10.4	97	0.00
82		p-Isopropyltoluene	1.848	1.642	11.1	98	0.00
83	M	1,3-Dichlorobenzene	0.984	0.905	8.0	101	0.00
84	M	1,4-Dichlorobenzene	0.949	0.858	9.6	98	0.00
85		n-Butylbenzene	1.498	1.213	19.0	94	0.00
86	T	Hexachloroethane	0.339	0.316	6.8	103	0.00
87	M	1,2-Dichlorobenzene	0.995	0.935	6.0	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.166	0.157	5.4	101	0.00
89		1,2,4-Trichlorobenzene	0.548	0.448	18.2	99	0.00
90		Hexachlorobutadiene	0.277	0.252	9.0	103	0.00
91	M	Naphthalene	1.798	1.553	13.6	101	0.00
92		1,2,3-Trichlorobenzene	0.563	0.495	12.1	102	0.00

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