Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
Data File : VN072678.D
Acq On : 07 Jun 2022 10:36
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jun 08 09:54:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	88	0.00
2	M	Dichlorodifluoromethane	2.247	2.240	0.3	88	0.00
3	M	Chloromethane	2.444	2.381	2.6	87	0.00
4	M	Vinyl Chloride	2.204	2.164	1.8	86	0.00
5	M	Bromomethane	1.140	1.022	10.4	81	0.00
6	M	Chloroethane	1.469	1.552	-5.7	87	0.00
7	M	Trichlorofluoromethane	3.984	3.868	2.9	85	0.00
8	T	Diethyl Ether	1.544	1.556	-0.8	88	0.00
9		1,1,2-Trichlorotrifluoroeth	2.099	2.086	0.6	87	0.00
10	M	1,1-Dichloroethene	1.982	1.976	0.3	89	0.00
11		Methyl Iodide	1.984	1.804	9.1	77	0.00
12		Methyl Acetate	4.089	4.297	-5.1	95	0.00
13	M	Acrolein	0.358	0.265	26.0	70	0.00
14	M	Acrylonitrile	1.667	1.668	-0.1	87	0.00
15	M	Acetone	0.451	0.449	0.4	86	0.00
16	M	Carbon Disulfide	4.997	4.563	8.7	85	0.00
17		Allyl chloride	4.282	4.033	5.8	83	0.00
18	M	Methylene Chloride	2.489	2.533	-1.8	88	-0.01
19	M	trans-1,2-Dichloroethene	2.145	2.111	1.6	86	0.00
20	T	Diisopropyl ether	8.480	8.888	-4.8	89	0.00
21	M	1,1-Dichloroethane	4.711	4.795	-1.8	90	0.00
22	M	cis-1,2-Dichloroethene	2.687	2.695	-0.3	87	0.00
23	M	tert-Butyl Alcohol	0.776	0.681	12.2	74	0.00
24	M	Methyl tert-Butyl Ether	8.815	8.830	-0.2	87	0.00
25	M	Chloroform	4.840	4.865	-0.5	87	0.00
26		Cyclohexane	3.928	3.944	-0.4	88	0.00
27	s	1,2-Dichloroethane-d4	3.421	3.534	-3.3	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29		1,1-Dichloropropene	0.572	0.534	6.6	86	0.00
30	M	2-Butanone	0.414	0.388	6.3	85	0.00
31		2,2-Dichloropropane	0.774	0.410	47.0#	48	0.00
32	M	1,1,1-Trichloroethane	0.748	0.710	5.1	86	0.00
33	M	Carbon Tetrachloride	0.645	0.604	6.4	85	0.00
34	M	Benzene	1.692	1.650	2.5	89	0.00
35		Methacrylonitrile	0.406	0.409	-0.7	96	0.00
36	M	1,2-Dichloroethane	0.715	0.683	4.5	85	0.00
37	M	Trichloroethene	0.408	0.395	3.2	90	0.00
38		Methylcyclohexane	0.683	0.648	5.1	88	0.00
39	M	1,2-Dichloropropane	0.465	0.451	3.0	88	0.00
40		Dibromomethane	0.319	0.313	1.9	90	0.00
41	M	Bromodichloromethane	0.683	0.669	2.0	88	0.00
42	M	Vinyl Acetate	1.347	1.259	6.5	84	0.00
43		Ethyl Acetate	0.793	0.777	2.0	87	0.00
44		Isopropyl Acetate	1.315	1.261	4.1	87	0.00
45	T	1,4-Dioxane	0.011	0.009#	18.2	76	0.00
46		Methyl methacrylate	0.588	0.526	10.5	83	0.00
47		n-amyl Acetate	1.007	0.776	22.9	75	0.00
48	M	t-1,3-Dichloropropene	0.779	0.640	17.8	77	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.791	0.671	15.2	79	0.00
50	M	1,1,2-Trichloroethane	0.451	0.446	1.1	88	0.00
51		Ethyl methacrylate	0.817	0.751	8.1	84	0.00
52		1,3-Dichloropropane	0.803	0.804	-0.1	89	0.00
53	M	Dibromochloromethane	0.498	0.470	5.6	86	0.00
54	M	1,2-Dibromoethane	0.474	0.445	6.1	86	0.00
55	M	2-Chloroethyl vinyl ether	0.320	0.287	10.3	89	0.00
56	M	Bromoform	0.347	0.306	11.8	84	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
58	M	4-Methyl-2-Pentanone	0.900	0.904	-0.4	87	0.00
59	M	2-Hexanone	0.682	0.641	6.0	82	0.00
60	S	4-Bromofluorobenzene	0.617	0.575	6.8	83	0.00
61	M	Tetrachloroethene	0.371	0.398	-7.3	92	0.00
62	M	Toluene	2.034	2.045	-0.5	88	0.00
63	S	Toluene-d8	1.662	1.743	-4.9	88	0.00
64	M	Chlorobenzene	1.238	1.223	1.2	87	0.00
65		1,1,1,2-Tetrachloroethane	0.488	0.494	-1.2	86	0.00
66	M	Ethyl Benzene	2.335	2.342	-0.3	88	0.00
67	M	m/p-Xylenes	0.852	0.822	3.5	86	0.00
68	M	o-Xylene	0.869	0.829	4.6	83	0.00
69	M	Styrene	1.379	1.309	5.1	87	0.00
70		Isopropylbenzene	2.271	2.217	2.4	87	0.00
71	M	1,1,2,2-Tetrachloroethane	0.769	0.736	4.3	84	0.00
72		1,2,3-Trichloropropane	0.671	0.712	-6.1	83	0.00
73		Bromobenzene	0.462	0.432	6.5	84	0.00
74		n-propylbenzene	2.598	2.445	5.9	86	0.00
75		2-Chlorotoluene	1.611	1.510	6.3	85	0.00
76		1,3,5-Trimethylbenzene	1.864	1.797	3.6	87	0.00
77		t-1,4-Dichloro-2-butene	0.283	0.203	28.3	67	0.00
78		4-Chlorotoluene	1.522	1.414	7.1	86	0.00
79		tert-butylbenzene	1.664	1.584	4.8	85	0.00
80		1,2,4-Trimethylbenzene	2.247	2.152	4.2	88	0.00
81		sec-Butylbenzene	2.247	2.152	4.2	88	0.00
82		p-Isopropyltoluene	1.794	1.647	8.2	87	0.00
83	M	1,3-Dichlorobenzene	0.808	0.722	10.6	85	0.00
84	M	1,4-Dichlorobenzene	0.785	0.716	8.8	86	0.00
85		n-Butylbenzene	1.521	1.328	12.7	85	0.00
86	T	Hexachloroethane	0.397	0.374	5.8	85	0.00
87	M	1,2-Dichlorobenzene	0.800	0.749	6.4	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.193	0.168	13.0	78	0.00
89		1,2,4-Trichlorobenzene	0.403	0.348	13.6	84	0.00
90		Hexachlorobutadiene	0.181	0.163	9.9	81	0.00
91	M	Naphthalene	1.608	1.274	20.8	77	0.00
92		1,2,3-Trichlorobenzene	0.410	0.359	12.4	86	0.00

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