Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
Data File : VN072780.D
Acq On : 11 Jun 2022 10:43
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 13 01:17:58 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 : 0.000 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	75	0.00
2	M	Dichlorodifluoromethane	2.247	2.169	3.5	73	0.00
3	M	Chloromethane	2.444	2.372	2.9	74	0.00
4	M	Vinyl Chloride	2.204	2.408	-9.3	82	0.00
5	M	Bromomethane	1.140	1.137	0.3	77	0.00
6	M	Chloroethane	1.469	1.908	-29.9#	91	0.00
7	M	Trichlorofluoromethane	3.984	4.033	-1.2	76	0.00
8	T	Diethyl Ether	1.544	1.611	-4.3	78	0.00
9		1,1,2-Trichlorotrifluoroeth	2.099	2.235	-6.5	80	0.00
10	M	1,1-Dichloroethene	1.982	1.911	3.6	74	0.00
11		Methyl Iodide	1.984	1.566	21.1	57	0.00
12		Methyl Acetate	4.089	4.356	-6.5	82	0.00
13	M	Acrolein	0.358	0.388	-8.4	87	0.00
14	M	Acrylonitrile	1.667	1.751	-5.0	78	0.00
15	M	Acetone	0.451	0.465	-3.1	77	0.00
16	M	Carbon Disulfide	4.997	3.994	20.1	64	0.00
17		Allyl chloride	4.282	4.350	-1.6	76	0.00
18	M	Methylene Chloride	2.489	2.499	-0.4	75	0.00
19	M	trans-1,2-Dichloroethene	2.145	2.109	1.7	73	0.00
20	T	Diisopropyl ether	8.480	9.662	-13.9	83	0.00
21	M	1,1-Dichloroethane	4.711	4.928	-4.6	79	0.00
22	M	cis-1,2-Dichloroethene	2.687	2.795	-4.0	77	0.00
23	M	tert-Butyl Alcohol	0.776	0.727	6.3	68	0.00
24	M	Methyl tert-Butyl Ether	8.815	9.164	-4.0	77	0.00
25	M	Chloroform	4.840	5.254	-8.6	81	0.00
26		Cyclohexane	3.928	3.908	0.5	75	0.00
27	s	1,2-Dichloroethane-d4	3.421	3.714	-8.6	79	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
29		1,1-Dichloropropene	0.572	0.559	2.3	79	0.00
30	M	2-Butanone	0.414	0.419	-1.2	80	0.00
31		2,2-Dichloropropane	0.774	0.684	11.6	70	0.00
32	M	1,1,1-Trichloroethane	0.748	0.718	4.0	76	0.00
33	M	Carbon Tetrachloride	0.645	0.588	8.8	72	0.00
34	M	Benzene	1.692	1.680	0.7	79	0.00
35		Methacrylonitrile	0.406	0.384	5.4	78	0.00
36	M	1,2-Dichloroethane	0.715	0.728	-1.8	79	0.00
37	M	Trichloroethene	0.408	0.394	3.4	78	0.00
38		Methylcyclohexane	0.683	0.648	5.1	77	0.00
39	M	1,2-Dichloropropane	0.465	0.465	0.0	79	0.00
40		Dibromomethane	0.319	0.322	-0.9	80	0.00
41	M	Bromodichloromethane	0.683	0.672	1.6	77	0.00
42	M	Vinyl Acetate	1.347	1.360	-1.0	79	0.00
43		Ethyl Acetate	0.793	0.786	0.9	76	0.00
44		Isopropyl Acetate	1.315	1.332	-1.3	80	0.00
45	T	1,4-Dioxane	0.011	0.010	9.1	72	0.00
46		Methyl methacrylate	0.588	0.628	-6.8	86	0.00
47		n-amyl Acetate	1.007	0.943	6.4	80	0.00
48	M	t-1,3-Dichloropropene	0.779	0.727	6.7	76	0.00

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LabSampleId :
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Quant Time: Jun 13 01:17:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
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QLast Update : Mon Jun 06 14:10:15 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)
49	T	cis-1,3-Dichloropropene	0.791	0.770	2.7	79	0.00
50	M	1,1,2-Trichloroethane	0.451	0.469	-4.0	81	0.00
51		Ethyl methacrylate	0.817	0.810	0.9	79	0.00
52		1,3-Dichloropropane	0.803	0.840	-4.6	81	0.00
53	M	Dibromochloromethane	0.498	0.487	2.2	78	0.00
54	M	1,2-Dibromoethane	0.474	0.471	0.6	79	0.00
55	M	2-Chloroethyl vinyl ether	0.320	0.308	3.8	83	0.00
56	M	Bromoform	0.347	0.300	13.5	72	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
58	M	4-Methyl-2-Pentanone	0.900	0.983	-9.2	83	0.00
59	M	2-Hexanone	0.682	0.713	-4.5	81	0.00
60	S	4-Bromofluorobenzene	0.617	0.584	5.3	75	0.00
61	M	Tetrachloroethene	0.371	0.402	-8.4	82	0.00
62	M	Toluene	2.034	2.121	-4.3	81	0.00
63	S	Toluene-d8	1.662	1.703	-2.5	76	0.00
64	M	Chlorobenzene	1.238	1.277	-3.2	81	0.00
65		1,1,1,2-Tetrachloroethane	0.488	0.496	-1.6	76	0.00
66	M	Ethyl Benzene	2.335	2.398	-2.7	80	0.00
67	M	m/p-Xylenes	0.852	0.861	-1.1	80	0.00
68	M	o-Xylene	0.869	0.893	-2.8	79	0.00
69	M	Styrene	1.379	1.348	2.2	80	0.00
70		Isopropylbenzene	2.271	2.326	-2.4	81	0.00
71	M	1,1,2,2-Tetrachloroethane	0.769	0.789	-2.6	79	0.00
72		1,2,3-Trichloropropane	0.671	0.651	3.0	68	0.00
73		Bromobenzene	0.462	0.440	4.8	76	0.00
74		n-propylbenzene	2.598	2.608	-0.4	81	0.00
75		2-Chlorotoluene	1.611	1.602	0.6	80	0.00
76		1,3,5-Trimethylbenzene	1.864	1.903	-2.1	81	0.00
77		t-1,4-Dichloro-2-butene	0.283	0.231	18.4	67	0.00
78		4-Chlorotoluene	1.522	1.466	3.7	79	0.00
79		tert-butylbenzene	1.664	1.662	0.1	79	0.00
80		1,2,4-Trimethylbenzene	2.247	2.284	-1.6	83	0.00
81		sec-Butylbenzene	2.247	2.284	-1.6	83	0.00
82		p-Isopropyltoluene	1.794	1.790	0.2	84	0.00
83	M	1,3-Dichlorobenzene	0.808	0.775	4.1	81	0.00
84	M	1,4-Dichlorobenzene	0.785	0.748	4.7	79	0.00
85		n-Butylbenzene	1.521	1.499	1.4	85	0.00
86	T	Hexachloroethane	0.397	0.369	7.1	74	0.00
87	M	1,2-Dichlorobenzene	0.800	0.792	1.0	82	0.00
88		1,2-Dibromo-3-Chloropropane	0.193	0.174	9.8	72	0.00
89		1,2,4-Trichlorobenzene	0.403	0.365	9.4	78	0.00
90		Hexachlorobutadiene	0.181	0.174	3.9	77	0.00
91	M	Naphthalene	1.608	1.338	16.8	72	0.00
92		1,2,3-Trichlorobenzene	0.410	0.365	11.0	77	0.00

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