Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
Data File : VN068428.D
Acq On : 8 Sep 2021 9:23
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 09 03:29:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 2021
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	89	0.00
2	M	Dichlorodifluoromethane	1.519	1.493	1.7	80	0.00
3	M	Chloromethane	1.374	1.353	1.5	80	0.00
4	M	Vinyl Chloride	2.048	2.171	-6.0	84	0.00
5	M	Bromomethane	1.878	2.212	-17.8	93	0.00
6	M	Chloroethane	1.461	1.599	-9.4	87	0.00
7	M	Trichlorofluoromethane	2.801	2.845	-1.6	84	0.00
8	T	Diethyl Ether	0.890	0.863	3.0	82	0.00
9		1,1,2-Trichlorotrifluoroeth	1.593	1.581	0.8	83	0.00
10	M	1,1-Dichloroethene	1.496	1.447	3.3	81	0.00
11		Methyl Iodide	2.407	2.148	10.8	79	0.00
12		Methyl Acetate	1.506	1.498	0.5	84	0.00
13	M	Acrolein	0.135	0.135	0.0	93	0.00
14	M	Acrylonitrile	0.611	0.601	1.6	83	0.00
15	M	Acetone	0.180	0.269	-49.4#	113	0.00
16	M	Carbon Disulfide	3.910	3.731	4.6	82	0.00
17		Allyl chloride	1.833	1.839	-0.3	82	0.00
18	M	Methylene Chloride	1.638	1.614	1.5	83	0.00
19	M	trans-1,2-Dichloroethene	1.668	1.600	4.1	83	0.00
20	T	Diisopropyl ether	4.006	4.022	-0.4	82	0.00
21	M	1,1-Dichloroethane	2.649	2.633	0.6	83	0.00
22	M	cis-1,2-Dichloroethene	1.938	1.891	2.4	85	0.00
23	M	tert-Butyl Alcohol	0.224	0.233	-4.0	89	0.00
24	M	Methyl tert-Butyl Ether	4.862	4.816	0.9	83	0.00
25	M	Chloroform	3.112	3.111	0.0	84	0.00
26		Cyclohexane	2.321	2.315	0.3	83	0.00
27	s	1,2-Dichloroethane-d4	1.779	1.846	-3.8	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29		1,1-Dichloropropene	0.430	0.419	2.6	83	0.00
30	M	2-Butanone	0.154	0.171	-11.0	94	0.00
31		2,2-Dichloropropane	0.490	0.485	1.0	85	0.00
32	M	1,1,1-Trichloroethane	0.565	0.556	1.6	84	0.00
33	M	Carbon Tetrachloride	0.522	0.508	2.7	85	0.00
34	M	Benzene	1.272	1.249	1.8	85	0.00
35		Methacrylonitrile	0.150	0.141	6.0	85	0.00
36	M	1,2-Dichloroethane	0.426	0.417	2.1	82	0.00
37	M	Trichloroethene	0.407	0.395	2.9	85	0.00
38		Methylcyclohexane	0.559	0.533	4.7	83	0.00
39	M	1,2-Dichloropropane	0.302	0.291	3.6	83	0.00
40		Dibromomethane	0.239	0.239	0.0	87	0.00
41	M	Bromodichloromethane	0.461	0.456	1.1	85	0.00
42	M	Vinyl Acetate	0.582	0.560	3.8	83	0.00
43		Ethyl Acetate	0.306	0.306	0.0	88	0.00
44		Isopropyl Acetate	0.556	0.545	2.0	83	0.00
45	T	1,4-Dioxane	0.005	0.005#	0.0	92	0.00
46		Methyl methacrylate	0.235	0.214	8.9	75	0.00
47		n-amyl Acetate	0.381	0.335	12.1	78	0.00
48	M	t-1,3-Dichloropropene	0.454	0.438	3.5	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.500	0.480	4.0	84	0.00
50	M	1,1,2-Trichloroethane	0.337	0.332	1.5	85	0.00
51		Ethyl methacrylate	0.433	0.409	5.5	82	0.00
52		1,3-Dichloropropane	0.508	0.502	1.2	83	0.00
53	M	Dibromochloromethane	0.406	0.389	4.2	84	0.00
54	M	1,2-Dibromoethane	0.352	0.341	3.1	85	0.00
55	M	2-Chloroethyl vinyl ether	0.039	0.023#	41.0#	80	0.00
56	M	Bromoform	0.310	0.269	13.2	79	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.349	0.349	0.0	83	0.00
59	M	2-Hexanone	0.242	0.255	-5.4	88	0.00
60	S	4-Bromofluorobenzene	0.425	0.425	0.0	87	0.00
61	M	Tetrachloroethene	0.464	0.446	3.9	82	0.00
62	M	Toluene	1.646	1.615	1.9	83	0.00
63	S	Toluene-d8	1.336	1.345	-0.7	87	0.00
64	M	Chlorobenzene	1.061	1.021	3.8	83	0.00
65		1,1,1,2-Tetrachloroethane	0.425	0.418	1.6	84	0.00
66	M	Ethyl Benzene	1.772	1.731	2.3	83	0.00
67	M	m/p-Xylenes	0.727	0.707	2.8	82	0.00
68	M	o-Xylene	0.704	0.684	2.8	83	0.00
69	M	Styrene	1.111	1.034	6.9	80	0.00
70		Isopropylbenzene	1.813	1.732	4.5	81	0.00
71	M	1,1,2,2-Tetrachloroethane	0.464	0.458	1.3	81	0.00
72		1,2,3-Trichloropropane	0.380	0.360	5.3	77	0.00
73		Bromobenzene	0.502	0.453	9.8	79	0.00
74		n-propylbenzene	1.958	1.881	3.9	81	0.00
75		2-Chlorotoluene	1.162	1.112	4.3	80	0.00
76		1,3,5-Trimethylbenzene	1.500	1.444	3.7	80	0.00
77		t-1,4-Dichloro-2-butene	0.115	0.105	8.7	83	0.00
78		4-Chlorotoluene	1.139	1.095	3.9	81	0.00
79		tert-butylbenzene	1.371	1.316	4.0	81	0.00
80		1,2,4-Trimethylbenzene	1.457	1.399	4.0	80	0.00
81		sec-Butylbenzene	1.840	1.744	5.2	80	0.00
82		p-Isopropyltoluene	1.584	1.482	6.4	80	0.00
83	M	1,3-Dichlorobenzene	0.886	0.821	7.3	79	0.00
84	M	1,4-Dichlorobenzene	0.854	0.771	9.7	78	0.00
85		n-Butylbenzene	1.181	1.025	13.2	79	0.00
86	T	Hexachloroethane	0.268	0.257	4.1	83	0.00
87	M	1,2-Dichlorobenzene	0.842	0.791	6.1	80	0.00
88		1,2-Dibromo-3-Chloropropane	0.080	0.078	2.5	88	0.00
89		1,2,4-Trichlorobenzene	0.452	0.348	23.0	78	0.00
90		Hexachlorobutadiene	0.266	0.236	11.3	83	0.00
91	M	Naphthalene	0.956	0.676	29.3	77	0.00
92		1,2,3-Trichlorobenzene	0.430	0.328	23.7	79	0.00

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