Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
Data File : VN072645.D
Acq On : 26 May 2022 22:18
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: May 27 05:36:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 27 05:07:24 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	103	0.00
2	M	Dichlorodifluoromethane	2.050	1.921	6.3	87	0.00
3	M	Chloromethane	2.749	2.343	14.8	90	0.00
4	M	Vinyl Chloride	2.298	1.993	13.3	89	0.00
5	M	Bromomethane	1.118	0.695	37.8#	69	0.02
6	M	Chloroethane	1.438	1.193	17.0	81	0.01
7	M	Trichlorofluoromethane	3.293	3.189	3.2	88	0.00
8	T	Diethyl Ether	1.382	1.369	0.9	87	0.00
9		1,1,2-Trichlorotrifluoroeth	1.840	1.859	-1.0	89	0.00
10	M	1,1-Dichloroethene	1.807	1.871	-3.5	91	0.00
11		Methyl Iodide	1.730	1.060	38.7#	56	0.00
12		Methyl Acetate	3.545	3.407	3.9	91	0.00
13	M	Acrolein	0.406	0.358	11.8	90	0.00
14	M	Acrylonitrile	1.527	1.480	3.1	89	0.00
15	M	Acetone	0.393	0.377	4.1	86	0.00
16	M	Carbon Disulfide	4.955	4.847	2.2	90	0.00
17		Allyl chloride	3.753	3.611	3.8	88	0.00
18	M	Methylene Chloride	2.375	2.356	0.8	86	0.00
19	M	trans-1,2-Dichloroethene	1.976	1.949	1.4	85	0.00
20	T	Diisopropyl ether	8.606	7.719	10.3	87	0.00
21	M	1,1-Dichloroethane	4.381	4.116	6.0	90	0.00
22	M	cis-1,2-Dichloroethene	2.510	2.391	4.7	87	0.00
23	M	tert-Butyl Alcohol	0.513	0.435	15.2	84	0.00
24	M	Methyl tert-Butyl Ether	6.941	6.845	1.4	90	0.00
25	M	Chloroform	4.451	4.163	6.5	92	0.00
26		Cyclohexane	4.132	3.582	13.3	88	0.00
27	s	1,2-Dichloroethane-d4	2.871	2.735	4.7	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.567	0.512	9.7	85	0.00
30	M	2-Butanone	0.382	0.366	4.2	87	0.00
31		2,2-Dichloropropane	0.575	0.509	11.5	80	0.00
32	M	1,1,1-Trichloroethane	0.629	0.600	4.6	88	0.00
33	M	Carbon Tetrachloride	0.559	0.513	8.2	87	0.00
34	M	Benzene	1.783	1.701	4.6	89	0.00
35		Methacrylonitrile	0.390	0.381	2.3	100	0.00
36	M	1,2-Dichloroethane	0.580	0.560	3.4	91	0.00
37	M	Trichloroethene	0.424	0.391	7.8	88	0.00
38		Methylcyclohexane	0.701	0.619	11.7	86	0.00
39	M	1,2-Dichloropropane	0.476	0.435	8.6	86	0.00
40		Dibromomethane	0.302	0.280	7.3	88	0.00
41	M	Bromodichloromethane	0.605	0.559	7.6	88	0.00
42	M	Vinyl Acetate	1.247	1.204	3.4	89	0.00
43		Ethyl Acetate	0.733	0.736	-0.4	96	0.00
44		Isopropyl Acetate	1.142	1.065	6.7	89	0.00
45	T	1,4-Dioxane	0.010	0.009#	10.0	86	0.00
46		Methyl methacrylate	0.538	0.463	13.9	87	0.00
47		n-amyl Acetate	0.832	0.731	12.1	87	0.00
48	M	t-1,3-Dichloropropene	0.653	0.570	12.7	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.719	0.658	8.5	87	0.00
50	M	1,1,2-Trichloroethane	0.443	0.433	2.3	91	0.00
51		Ethyl methacrylate	0.748	0.670	10.4	86	0.00
52		1,3-Dichloropropane	0.782	0.741	5.2	89	0.00
53	M	Dibromochloromethane	0.456	0.419	8.1	87	0.00
54	M	1,2-Dibromoethane	0.455	0.425	6.6	87	0.00
55	M	2-Chloroethyl vinyl ether	0.327	0.342	-4.6	110	0.00
56	M	Bromoform	0.329	0.289	12.2	82	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.867	0.825	4.8	89	0.00
59	M	2-Hexanone	0.618	0.587	5.0	89	0.00
60	S	4-Bromofluorobenzene	0.527	0.532	-0.9	99	0.00
61	M	Tetrachloroethene	0.397	0.391	1.5	88	0.00
62	M	Toluene	2.106	2.046	2.8	87	0.00
63	S	Toluene-d8	1.706	1.776	-4.1	101	0.00
64	M	Chlorobenzene	1.224	1.165	4.8	87	0.00
65		1,1,1,2-Tetrachloroethane	0.482	0.452	6.2	86	0.00
66	M	Ethyl Benzene	2.323	2.068	11.0	84	0.00
67	M	m/p-Xylenes	0.844	0.787	6.8	85	0.00
68	M	o-Xylene	0.840	0.790	6.0	86	0.00
69	M	Styrene	1.331	1.223	8.1	86	0.00
70		Isopropylbenzene	2.146	1.963	8.5	83	0.00
71	M	1,1,2,2-Tetrachloroethane	0.737	0.702	4.7	86	0.00
72		1,2,3-Trichloropropane	0.622	0.637	-2.4	90	0.00
73		Bromobenzene	0.472	0.457	3.2	88	0.00
74		n-propylbenzene	2.427	2.214	8.8	86	0.00
75		2-Chlorotoluene	1.472	1.371	6.9	87	0.00
76		1,3,5-Trimethylbenzene	1.694	1.564	7.7	86	0.00
77		t-1,4-Dichloro-2-butene	0.243	0.211	13.2	84	0.00
78		4-Chlorotoluene	1.340	1.260	6.0	88	0.00
79		tert-butylbenzene	1.482	1.413	4.7	86	0.00
80		1,2,4-Trimethylbenzene	1.635	1.924	-17.7	108	0.14
81		sec-Butylbenzene	2.144	1.924	10.3	86	0.00
82		p-Isopropyltoluene	1.662	1.465	11.9	85	0.00
83	M	1,3-Dichlorobenzene	0.818	0.733	10.4	87	0.00
84	M	1,4-Dichlorobenzene	0.795	0.717	9.8	87	0.00
85		n-Butylbenzene	1.366	1.160	15.1	87	0.00
86	T	Hexachloroethane	0.331	0.305	7.9	89	0.00
87	M	1,2-Dichlorobenzene	0.808	0.755	6.6	86	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.130	9.1	89	0.00
89		1,2,4-Trichlorobenzene	0.399	0.345	13.5	85	0.00
90		Hexachlorobutadiene	0.200	0.180	10.0	82	0.00
91	M	Naphthalene	1.399	1.292	7.6	96	0.00
92		1,2,3-Trichlorobenzene	0.407	0.384	5.7	92	0.00

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