Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011819\
Data File : VN053466.D
Acq On : 18 Jan 2019 12:14
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jan 19 00:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
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	81	0.00
2	M	Dichlorodifluoromethane	1.999	1.465	26.7	58	0.00
3	M	Chloromethane	2.346	1.908	18.7	66	0.00
4	M	Vinyl Chloride	2.309	1.947	15.7	68	0.00
5	M	Bromomethane	1.488	1.319	11.4	74	0.00
6	M	Chloroethane	1.330	1.147	13.8	70	0.00
7	M	Trichlorofluoromethane	2.851	2.682	5.9	77	0.00
8	T	Diethyl Ether	1.059	0.998	5.8	78	0.00
9		1,1,2-Trichlorotrifluoroeth	1.791	1.644	8.2	75	0.00
10	M	1,1-Dichloroethene	1.748	1.581	9.6	74	0.00
11		Methyl Iodide	2.560	2.376	7.2	77	0.00
12		Methyl Acetate	1.362	1.439	-5.7	92	0.00
13	M	Acrolein	0.163	0.156	4.3	81	0.00
14	M	Acrylonitrile	0.610	0.618	-1.3	83	0.00
15	M	Acetone	0.130	0.155	-19.2	96	0.00
16	M	Carbon Disulfide	5.377	4.446	17.3	69	0.00
17		Allyl chloride	2.750	2.540	7.6	73	0.00
18	M	Methylene Chloride	2.001	1.867	6.7	77	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.737	6.0	77	0.00
20	T	Diisopropyl ether	5.889	5.532	6.1	75	0.00
21	M	1,1-Dichloroethane	3.429	3.221	6.1	77	0.00
22	M	cis-1,2-Dichloroethene	2.081	1.961	5.8	78	0.00
23	M	tert-Butyl Alcohol	0.103	0.090	12.6	75	0.00
24	M	Methyl tert-Butyl Ether	4.558	4.385	3.8	79	0.00
25	M	Chloroform	3.296	3.194	3.1	79	0.00
26		Cyclohexane	3.198	2.803	12.4	73	0.00
27	s	1,2-Dichloroethane-d4	1.906	1.890	0.8	79	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
29		1,1-Dichloropropene	0.454	0.427	5.9	75	0.00
30	M	2-Butanone	0.113	0.124	-9.7	84	0.00
31		2,2-Dichloropropane	0.440	0.425	3.4	77	0.00
32	M	1,1,1-Trichloroethane	0.476	0.475	0.2	79	0.00
33	M	Carbon Tetrachloride	0.417	0.409	1.9	78	0.00
34	M	Benzene	1.366	1.329	2.7	76	0.00
35		Methacrylonitrile	0.146	0.138	5.5	72	0.00
36	M	1,2-Dichloroethane	0.396	0.397	-0.3	78	0.00
37	M	Trichloroethene	0.370	0.365	1.4	78	0.00
38		Methylcyclohexane	0.532	0.514	3.4	78	0.00
39	M	1,2-Dichloropropane	0.357	0.347	2.8	77	0.00
40		Dibromomethane	0.202	0.207	-2.5	81	0.00
41	M	Bromodichloromethane	0.433	0.424	2.1	78	0.00
42	M	Vinyl Acetate	0.619	0.624	-0.8	79	0.00
43		Ethyl Acetate	0.253	0.264	-4.3	80	0.00
44		Isopropyl Acetate	0.472	0.483	-2.3	82	0.00
45	T	1,4-Dioxane	0.003	0.002#	33.3#	65	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.238	0.238	0.0	80	0.00
47		n-amyl Acetate	0.414	0.416	-0.5	83	0.00
48	M	t-1,3-Dichloropropene	0.442	0.430	2.7	79	0.00
49	T	cis-1,3-Dichloropropene	0.521	0.503	3.5	78	0.00
50	M	1,1,2-Trichloroethane	0.289	0.296	-2.4	80	0.00
51		Ethyl methacrylate	0.377	0.374	0.8	81	0.00
52		1,3-Dichloropropane	0.498	0.502	-0.8	80	0.00
53	M	Dibromochloromethane	0.325	0.328	-0.9	82	0.00
54	M	1,2-Dibromoethane	0.292	0.296	-1.4	80	0.00
55	M	2-Chloroethyl vinyl ether	0.216	0.210	2.8	76	0.00
56	M	Bromoform	0.222	0.224	-0.9	82	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
58	M	4-Methyl-2-Pentanone	0.286	0.305	-6.6	83	0.00
59	M	2-Hexanone	0.197	0.207	-5.1	81	0.00
60	S	4-Bromofluorobenzene	0.459	0.466	-1.5	81	0.00
61	M	Tetrachloroethene	0.443	0.450	-1.6	80	0.00
62	M	Toluene	1.645	1.602	2.6	77	0.00
63	S	Toluene-d8	1.352	1.351	0.1	77	0.00
64	M	Chlorobenzene	1.032	1.008	2.3	78	0.00
65		1,1,1,2-Tetrachloroethane	0.362	0.361	0.3	80	0.00
66	M	Ethyl Benzene	1.784	1.715	3.9	77	0.00
67	M	m/p-Xylenes	0.675	0.655	3.0	77	0.00
68	M	o-Xylene	0.654	0.649	0.8	79	0.00
69	M	Styrene	1.067	1.052	1.4	79	0.00
70		Isopropylbenzene	1.720	1.696	1.4	79	0.00
71	M	1,1,2,2-Tetrachloroethane	0.362	0.383	-5.8	84	0.00
72		1,2,3-Trichloropropane	0.317	0.335	-5.7	81	0.00
73		Bromobenzene	0.442	0.449	-1.6	80	0.00
74		n-propylbenzene	1.948	1.947	0.1	80	0.00
75		2-Chlorotoluene	1.153	1.154	-0.1	79	0.00
76		1,3,5-Trimethylbenzene	1.365	1.380	-1.1	80	0.00
77		t-1,4-Dichloro-2-butene	0.111	0.110	0.9	83	0.00
78		4-Chlorotoluene	1.174	1.163	0.9	79	0.00
79		tert-butylbenzene	1.190	1.224	-2.9	82	0.00
80		1,2,4-Trimethylbenzene	1.368	1.402	-2.5	81	0.00
81		sec-Butylbenzene	1.576	1.672	-6.1	86	0.00
82		p-Isopropyltoluene	1.362	1.450	-6.5	85	0.00
83	M	1,3-Dichlorobenzene	0.753	0.774	-2.8	83	0.00
84	M	1,4-Dichlorobenzene	0.734	0.758	-3.3	83	0.00
85		n-Butylbenzene	1.108	1.192	-7.6	88	0.00
86	T	Hexachloroethane	0.217	0.218	-0.5	83	0.00
87	M	1,2-Dichlorobenzene	0.700	0.759	-8.4	84	0.00
88		1,2-Dibromo-3-Chloropropane	0.052	0.050#	3.8	75	0.00
89		1,2,4-Trichlorobenzene	0.340	0.317	6.8	78	0.00
90		Hexachlorobutadiene	0.206	0.247	-19.9	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.721	0.536	25.7	64	0.00
92	1,2,3-Trichlorobenzene	0.303	0.239	21.1	66	0.00

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