Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
Data File : VN052113.D
Acq On : 1 Nov 2018 19:49
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 02 07:42:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 01 10:27:53 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	94	0.00
2	M	Dichlorodifluoromethane	2.004	1.916	4.4	88	0.00
3	M	Chloromethane	2.290	2.277	0.6	90	0.00
4	M	Vinyl Chloride	2.246	2.301	-2.4	91	0.00
5	M	Bromomethane	1.533	1.499	2.2	92	0.00
6	M	Chloroethane	1.436	1.415	1.5	91	0.00
7	M	Trichlorofluoromethane	3.042	2.960	2.7	90	0.00
8	T	Diethyl Ether	1.027	1.042	-1.5	93	0.00
9		1,1,2-Trichlorotrifluoroeth	1.778	1.740	2.1	93	0.00
10	M	1,1-Dichloroethene	1.659	1.655	0.2	96	0.00
11		Methyl Iodide	2.399	2.175	9.3	90	0.00
12		Methyl Acetate	1.396	1.593	-14.1	106	0.00
13	M	Acrolein	0.148	0.169	-14.2	110	0.00
14	M	Acrylonitrile	0.619	0.650	-5.0	96	0.00
15	M	Acetone	0.146	0.147	-0.7	90	0.00
16	M	Carbon Disulfide	4.899	4.392	10.3	87	0.00
17		Allyl chloride	2.817	2.765	1.8	93	0.00
18	M	Methylene Chloride	2.048	1.938	5.4	89	0.00
19	M	trans-1,2-Dichloroethene	1.818	1.807	0.6	94	0.00
20	T	Diisopropyl ether	6.121	6.151	-0.5	93	0.00
21	M	1,1-Dichloroethane	3.577	3.450	3.6	89	0.00
22	M	cis-1,2-Dichloroethene	2.123	2.163	-1.9	95	0.00
23	M	tert-Butyl Alcohol	0.096	0.128	-33.3#	105	0.00
24	M	Methyl tert-Butyl Ether	4.703	4.838	-2.9	94	0.00
25	M	Chloroform	3.592	3.579	0.4	91	0.00
26		Cyclohexane	3.207	3.040	5.2	91	0.00
27	s	1,2-Dichloroethane-d4	2.227	2.365	-6.2	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29		1,1-Dichloropropene	0.476	0.451	5.3	90	0.00
30	M	2-Butanone	0.127	0.130	-2.4	94	0.00
31		2,2-Dichloropropane	0.491	0.382	22.2	75	0.00
32	M	1,1,1-Trichloroethane	0.533	0.517	3.0	95	0.00
33	M	Carbon Tetrachloride	0.474	0.421	11.2	88	0.00
34	M	Benzene	1.395	1.361	2.4	93	0.00
35		Methacrylonitrile	0.174	0.167	4.0	85	-0.02
36	M	1,2-Dichloroethane	0.466	0.453	2.8	93	0.00
37	M	Trichloroethene	0.349	0.325	6.9	94	0.00
38		Methylcyclohexane	0.581	0.512	11.9	86	0.00
39	M	1,2-Dichloropropane	0.371	0.355	4.3	89	0.00
40		Dibromomethane	0.229	0.226	1.3	94	0.00
41	M	Bromodichloromethane	0.468	0.437	6.6	90	0.00
42	M	Vinyl Acetate	0.743	0.741	0.3	94	0.00
43		Ethyl Acetate	0.637	0.661	-3.8	95	0.00
44		Isopropyl Acetate	0.528	0.574	-8.7	104	0.00
45	T	1,4-Dioxane	0.002	0.003#	-50.0#	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.263	0.271	-3.0	95	0.00
47		n-amyl Acetate	0.478	0.002#	99.6#	0#	-0.10
48	M	t-1,3-Dichloropropene	0.465	0.432	7.1	91	0.00
49	T	cis-1,3-Dichloropropene	0.537	0.495	7.8	88	0.00
50	M	1,1,2-Trichloroethane	0.303	0.292	3.6	93	0.00
51		Ethyl methacrylate	0.391	0.386	1.3	96	0.00
52		1,3-Dichloropropane	0.527	0.533	-1.1	97	0.00
53	M	Dibromochloromethane	0.327	0.296	9.5	90	0.00
54	M	1,2-Dibromoethane	0.307	0.303	1.3	98	0.00
55	M	2-Chloroethyl vinyl ether	0.214	0.224	-4.7	97	0.00
56	M	Bromoform	0.189	0.163	13.8	90	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	0.321	0.350	-9.0	98	0.00
59	M	2-Hexanone	0.221	0.234	-5.9	95	0.00
60	S	4-Bromofluorobenzene	0.480	0.476	0.8	93	0.00
61	M	Tetrachloroethene	0.326	0.300	8.0	90	0.00
62	M	Toluene	1.684	1.669	0.9	92	0.00
63	S	Toluene-d8	1.411	1.425	-1.0	93	0.00
64	M	Chlorobenzene	1.067	1.031	3.4	93	0.00
65		1,1,1,2-Tetrachloroethane	0.363	0.344	5.2	91	0.00
66	M	Ethyl Benzene	1.819	1.732	4.8	91	0.00
67	M	m/p-Xylenes	0.700	0.667	4.7	91	0.00
68	M	o-Xylene	0.668	0.645	3.4	92	0.00
69	M	Styrene	1.076	1.031	4.2	90	0.00
70		Isopropylbenzene	1.792	1.700	5.1	92	0.00
71	M	1,1,2,2-Tetrachloroethane	0.394	0.424	-7.6	101	0.00
72		1,2,3-Trichloropropane	0.347	0.392	-13.0	103	0.00
73		Bromobenzene	0.397	0.383	3.5	96	0.00
74		n-propylbenzene	2.087	1.944	6.9	90	0.00
75		2-Chlorotoluene	1.203	1.153	4.2	91	0.00
76		1,3,5-Trimethylbenzene	1.437	1.345	6.4	90	0.00
77		t-1,4-Dichloro-2-butene	0.108	0.091	15.7	89	0.00
78		4-Chlorotoluene	1.212	1.148	5.3	91	0.00
79		tert-butylbenzene	1.252	1.187	5.2	89	0.00
80		1,2,4-Trimethylbenzene	1.432	1.384	3.4	91	0.00
81		sec-Butylbenzene	1.723	1.581	8.2	88	0.00
82		p-Isopropyltoluene	1.456	1.318	9.5	88	0.00
83	M	1,3-Dichlorobenzene	0.703	0.657	6.5	92	0.00
84	M	1,4-Dichlorobenzene	0.695	0.635	8.6	92	0.00
85		n-Butylbenzene	1.260	1.080	14.3	85	0.00
86	T	Hexachloroethane	0.246	0.213	13.4	86	0.00
87	M	1,2-Dichlorobenzene	0.667	0.620	7.0	91	0.00
88		1,2-Dibromo-3-Chloropropane	0.054	0.060	-11.1	100	0.00
89		1,2,4-Trichlorobenzene	0.271	0.241	11.1	89	0.00
90		Hexachlorobutadiene	0.148	0.124	16.2	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.625	0.617	1.3	97	0.00
92	1,2,3-Trichlorobenzene	0.236	0.211	10.6	91	0.00

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