Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
Data File : VN057209.D
Acq On : 12 Aug 2019 12:11
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 13 02:06:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sun Aug 11 03:53:25 2019
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	1.636	1.565	4.3	88	0.00
3	M	Chloromethane	1.896	1.740	8.2	87	0.00
4	M	Vinyl Chloride	1.928	1.729	10.3	87	0.00
5	M	Bromomethane	1.374	1.275	7.2	90	0.00
6	M	Chloroethane	1.250	1.156	7.5	90	0.00
7	M	Trichlorofluoromethane	2.875	2.683	6.7	89	0.00
8	T	Diethyl Ether	1.072	0.954	11.0	87	0.00
9		1,1,2-Trichlorotrifluoroeth	1.739	1.579	9.2	89	0.00
10	M	1,1-Dichloroethene	1.720	1.529	11.1	87	0.00
11		Methyl Iodide	2.683	2.459	8.3	91	0.00
12		Methyl Acetate	1.791	1.842	-2.8	101	0.00
13	M	Acrolein	0.198	0.183	7.6	96	0.00
14	M	Acrylonitrile	0.747	0.714	4.4	93	0.00
15	M	Acetone	0.248	0.196	21.0	66	0.00
16	M	Carbon Disulfide	4.639	4.117	11.3	89	0.00
17		Allyl chloride	2.535	2.200	13.2	82	0.00
18	M	Methylene Chloride	1.950	1.788	8.3	89	0.00
19	M	trans-1,2-Dichloroethene	1.844	1.650	10.5	88	0.00
20	T	Diisopropyl ether	5.170	4.770	7.7	90	0.00
21	M	1,1-Dichloroethane	3.220	2.971	7.7	90	0.00
22	M	cis-1,2-Dichloroethene	2.098	1.883	10.2	88	0.00
23	M	tert-Butyl Alcohol	0.247	0.238	3.6	93	0.00
24	M	Methyl tert-Butyl Ether	5.057	4.655	7.9	91	0.00
25	M	Chloroform	3.311	3.037	8.3	91	0.00
26		Cyclohexane	2.753	2.414	12.3	87	0.00
27	s	1,2-Dichloroethane-d4	1.956	1.958	-0.1	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.451	0.403	10.6	87	0.00
30	M	2-Butanone	0.178	0.157	11.8	83	0.00
31		2,2-Dichloropropane	0.482	0.420	12.9	85	0.00
32	M	1,1,1-Trichloroethane	0.522	0.478	8.4	90	0.00
33	M	Carbon Tetrachloride	0.465	0.424	8.8	91	0.00
34	M	Benzene	1.377	1.243	9.7	90	0.00
35		Methacrylonitrile	0.180	0.174	3.3	94	0.00
36	M	1,2-Dichloroethane	0.440	0.405	8.0	90	0.00
37	M	Trichloroethene	0.391	0.354	9.5	89	0.00
38		Methylcyclohexane	0.538	0.472	12.3	87	0.00
39	M	1,2-Dichloropropane	0.355	0.318	10.4	89	0.00
40		Dibromomethane	0.229	0.212	7.4	90	0.00
41	M	Bromodichloromethane	0.454	0.413	9.0	89	0.00
42	M	Vinyl Acetate	0.738	0.675	8.5	91	0.00
43		Ethyl Acetate	0.328	0.327	0.3	94	0.00
44		Isopropyl Acetate	0.595	0.583	2.0	96	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.271	0.255	5.9	95	0.00
47		n-amyl Acetate	0.438	0.386	11.9	97	0.00
48	M	t-1,3-Dichloropropene	0.485	0.438	9.7	91	0.00
49	T	cis-1,3-Dichloropropene	0.549	0.493	10.2	90	0.00
50	M	1,1,2-Trichloroethane	0.327	0.305	6.7	92	0.00
51		Ethyl methacrylate	0.461	0.418	9.3	93	0.00
52		1,3-Dichloropropane	0.544	0.509	6.4	92	0.00
53	M	Dibromochloromethane	0.368	0.334	9.2	91	0.00
54	M	1,2-Dibromoethane	0.341	0.322	5.6	94	0.00
55	M	2-Chloroethyl vinyl ether	0.130	0.107	17.7	95	0.00
56	M	Bromoform	0.272	0.246	9.6	94	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.385	0.369	4.2	93	0.00
59	M	2-Hexanone	0.277	0.253	8.7	88	0.00
60	S	4-Bromofluorobenzene	0.447	0.419	6.3	99	0.00
61	M	Tetrachloroethene	0.460	0.434	5.7	91	0.00
62	M	Toluene	1.708	1.556	8.9	90	0.00
63	S	Toluene-d8	1.385	1.386	-0.1	102	0.00
64	M	Chlorobenzene	1.050	0.962	8.4	92	0.00
65		1,1,1,2-Tetrachloroethane	0.403	0.373	7.4	93	0.00
66	M	Ethyl Benzene	1.830	1.657	9.5	90	0.00
67	M	m/p-Xylenes	0.690	0.622	9.9	89	0.00
68	M	o-Xylene	0.670	0.604	9.9	89	0.00
69	M	Styrene	1.075	0.951	11.5	90	0.00
70		Isopropylbenzene	1.804	1.638	9.2	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.494	0.460	6.9	92	0.00
72		1,2,3-Trichloropropane	0.433	0.418	3.5	96	0.00
73		Bromobenzene	0.468	0.416	11.1	91	0.00
74		n-propylbenzene	1.894	1.629	14.0	89	0.00
75		2-Chlorotoluene	1.172	1.047	10.7	90	0.00
76		1,3,5-Trimethylbenzene	1.519	1.364	10.2	89	0.00
77		t-1,4-Dichloro-2-butene	0.146	0.123	15.8	92	0.00
78		4-Chlorotoluene	1.088	0.906	16.7	88	0.00
79		tert-butylbenzene	1.339	1.214	9.3	90	0.00
80		1,2,4-Trimethylbenzene	1.433	1.259	12.1	90	0.00
81		sec-Butylbenzene	1.688	1.453	13.9	87	0.00
82		p-Isopropyltoluene	1.503	1.250	16.8	89	0.00
83	M	1,3-Dichlorobenzene	0.712	0.576	19.1	88	0.00
84	M	1,4-Dichlorobenzene	0.663	0.532	19.8	90	0.00
85		n-Butylbenzene	1.087	0.874	19.6	89	0.00
86	T	Hexachloroethane	0.273	0.240	12.1	92	0.00
87	M	1,2-Dichlorobenzene	0.706	0.592	16.1	88	0.00
88		1,2-Dibromo-3-Chloropropane	0.069	0.056	18.8	88	0.00
89		1,2,4-Trichlorobenzene	0.283	0.153	45.9#	75	0.00
90		Hexachlorobutadiene	0.305	0.258	15.4	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.536	0.293	45.3#	84	0.00
92	1,2,3-Trichlorobenzene	0.260	0.161	38.1#	77	0.00

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