Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
Data File : VX008343.D
Acq On : 22 Mar 2019 17:03
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Mar 23 02:11:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 22 15:33:35 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	101	0.00
2	M	Dichlorodifluoromethane	1.610	1.383	14.1	86	0.00
3	M	Chloromethane	1.646	1.465	11.0	88	0.00
4	M	Vinyl Chloride	1.855	1.673	9.8	91	0.00
5	M	Bromomethane	3.363	1.531	54.5#	101	-0.01
6	M	Chloroethane	1.318	1.091	17.2	87	0.00
7	M	Trichlorofluoromethane	2.953	2.548	13.7	89	0.00
8	T	Diethyl Ether	1.145	1.015	11.4	95	0.00
9		1,1,2-Trichlorotrifluoroeth	1.633	1.345	17.6	87	0.00
10	M	1,1-Dichloroethene	1.612	1.450	10.0	92	0.00
11		Methyl Iodide	2.437	1.817	25.4	78	0.00
12		Methyl Acetate	1.759	1.594	9.4	94	0.00
13	M	Acrolein	0.276	0.261	5.4	92	0.00
14	M	Acrylonitrile	0.873	0.809	7.3	94	0.00
15	M	Acetone	0.342	0.241	29.5	62	0.00
16	M	Carbon Disulfide	4.470	4.055	9.3	93	0.00
17		Allyl chloride	2.379	2.050	13.8	90	0.00
18	M	Methylene Chloride	1.735	1.588	8.5	94	0.00
19	M	trans-1,2-Dichloroethene	1.711	1.523	11.0	92	0.00
20	T	Diisopropyl ether	4.974	4.600	7.5	94	0.00
21	M	1,1-Dichloroethane	2.937	2.773	5.6	98	0.00
22	M	cis-1,2-Dichloroethene	1.974	1.812	8.2	94	0.00
23	M	tert-Butyl Alcohol	0.354	0.335	5.4	96	0.00
24	M	Methyl tert-Butyl Ether	5.179	4.819	7.0	96	0.00
25	M	Chloroform	3.116	2.877	7.7	96	0.00
26		Cyclohexane	2.598	2.321	10.7	93	0.00
27	s	1,2-Dichloroethane-d4	2.050	2.064	-0.7	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.426	0.395	7.3	94	0.00
30	M	2-Butanone	0.245	0.215	12.2	82	0.00
31		2,2-Dichloropropane	0.401	0.363	9.5	94	0.00
32	M	1,1,1-Trichloroethane	0.501	0.474	5.4	96	0.00
33	M	Carbon Tetrachloride	0.460	0.415	9.8	92	0.00
34	M	Benzene	1.269	1.229	3.2	97	0.00
35		Methacrylonitrile	0.229	0.204	10.9	90	0.00
36	M	1,2-Dichloroethane	0.468	0.457	2.4	98	0.00
37	M	Trichloroethene	0.373	0.339	9.1	92	0.00
38		Methylcyclohexane	0.534	0.456	14.6	88	0.00
39	M	1,2-Dichloropropane	0.323	0.308	4.6	93	0.00
40		Dibromomethane	0.237	0.231	2.5	97	0.00
41	M	Bromodichloromethane	0.449	0.425	5.3	95	0.00
42	M	Vinyl Acetate	0.825	0.783	5.1	96	0.00
43		Ethyl Acetate	0.433	0.424	2.1	100	0.00
44		Isopropyl Acetate	0.682	0.640	6.2	95	0.00
45	T	1,4-Dioxane	0.009	0.008#	11.1	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.335	0.315	6.0	96	0.00
47		n-amyl Acetate	0.585	0.537	8.2	97	0.00
48	M	t-1,3-Dichloropropene	0.450	0.395	12.2	93	0.00
49	T	cis-1,3-Dichloropropene	0.502	0.450	10.4	93	0.00
50	M	1,1,2-Trichloroethane	0.340	0.332	2.4	99	0.00
51		Ethyl methacrylate	0.497	0.484	2.6	98	0.00
52		1,3-Dichloropropane	0.546	0.531	2.7	96	0.00
53	M	Dibromochloromethane	0.384	0.346	9.9	91	0.00
54	M	1,2-Dibromoethane	0.373	0.360	3.5	96	0.00
55	M	2-Chloroethyl vinyl ether	0.250	0.254	-1.6	102	0.00
56	M	Bromoform	0.303	0.250	17.5	85	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	0.505	0.487	3.6	95	0.00
59	M	2-Hexanone	0.400	0.369	7.8	88	0.00
60	S	4-Bromofluorobenzene	0.488	0.505	-3.5	103	0.00
61	M	Tetrachloroethene	0.404	0.344	14.9	84	0.00
62	M	Toluene	1.592	1.521	4.5	95	0.00
63	S	Toluene-d8	1.352	1.387	-2.6	102	0.00
64	M	Chlorobenzene	1.027	0.968	5.7	95	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.357	8.9	92	0.00
66	M	Ethyl Benzene	1.722	1.609	6.6	94	0.00
67	M	m/p-Xylenes	0.684	0.623	8.9	92	0.00
68	M	o-Xylene	0.658	0.604	8.2	92	0.00
69	M	Styrene	1.110	1.023	7.8	93	0.00
70		Isopropylbenzene	1.730	1.592	8.0	92	0.00
71	M	1,1,2,2-Tetrachloroethane	0.590	0.572	3.1	97	0.00
72		1,2,3-Trichloropropane	0.475	0.535	-12.6	110	0.00
73		Bromobenzene	0.479	0.420	12.3	87	0.00
74		n-propylbenzene	1.928	1.724	10.6	92	0.00
75		2-Chlorotoluene	1.152	1.075	6.7	94	0.00
76		1,3,5-Trimethylbenzene	1.478	1.347	8.9	91	0.00
77		t-1,4-Dichloro-2-butene	0.168	0.142	15.5	93	0.00
78		4-Chlorotoluene	1.355	1.219	10.0	93	0.00
79		tert-butylbenzene	1.555	1.357	12.7	89	0.00
80		1,2,4-Trimethylbenzene	1.469	1.350	8.1	92	0.00
81		sec-Butylbenzene	1.686	1.485	11.9	90	0.00
82		p-Isopropyltoluene	1.555	1.357	12.7	89	0.00
83	M	1,3-Dichlorobenzene	0.831	0.714	14.1	89	0.00
84	M	1,4-Dichlorobenzene	0.827	0.712	13.9	88	0.00
85		n-Butylbenzene	1.337	1.107	17.2	89	0.00
86	T	Hexachloroethane	0.268	0.235	12.3	94	0.00
87	M	1,2-Dichlorobenzene	0.819	0.722	11.8	89	0.00
88		1,2-Dibromo-3-Chloropropane	0.135	0.123	8.9	94	0.00
89		1,2,4-Trichlorobenzene	0.580	0.456	21.4	86	0.00
90		Hexachlorobutadiene	0.292	0.220	24.7	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.742	1.590	8.7	94	0.00
92	1,2,3-Trichlorobenzene	0.586	0.483	17.6	86	0.00

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