Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081718\
Data File : VN050715.D
Acq On : 17 Aug 2018 8:00
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 17 14:25:22 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 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	87	0.00
2	M	Dichlorodifluoromethane	2.067	1.671	19.2	63	0.00
3	M	Chloromethane	2.131	2.119	0.6	83	0.00
4	M	Vinyl Chloride	2.269	2.222	2.1	81	0.00
5	M	Bromomethane	1.383	1.306	5.6	79	0.00
6	M	Chloroethane	1.342	1.360	-1.3	85	0.00
7	M	Trichlorofluoromethane	2.965	2.997	-1.1	82	0.00
8	T	Diethyl Ether	0.995	0.960	3.5	86	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.909	-5.8	86	0.00
10	M	1,1-Dichloroethene	1.599	1.639	-2.5	86	0.00
11		Methyl Iodide	2.354	1.115	52.6#	41	0.00
12		Methyl Acetate	1.832	1.444	21.2	66	0.00
13	M	Acrolein	0.113	0.091	19.5	79	0.00
14	M	Acrylonitrile	0.611	0.537	12.1	77	0.00
15	M	Acetone	0.162	0.178	-9.9	91	0.00
16	M	Carbon Disulfide	4.895	5.023	-2.6	87	0.00
17		Allyl chloride	2.526	2.550	-1.0	88	0.00
18	M	Methylene Chloride	1.846	1.926	-4.3	88	0.00
19	M	trans-1,2-Dichloroethene	1.712	1.760	-2.8	86	0.00
20	T	Diisopropyl ether	5.179	5.544	-7.0	90	0.00
21	M	1,1-Dichloroethane	3.257	3.384	-3.9	88	0.00
22	M	cis-1,2-Dichloroethene	1.899	1.957	-3.1	89	0.00
23	M	tert-Butyl Alcohol	0.137	0.098	28.5	64	0.00
24	M	Methyl tert-Butyl Ether	4.362	4.090	6.2	81	0.00
25	M	Chloroform	3.297	3.420	-3.7	87	0.00
26		Cyclohexane	2.588	2.772	-7.1	91	0.00
27	s	1,2-Dichloroethane-d4	2.039	1.963	3.7	83	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29		1,1-Dichloropropene	0.466	0.487	-4.5	89	0.00
30	M	2-Butanone	0.146	0.149	-2.1	92	0.00
31		2,2-Dichloropropane	0.515	0.520	-1.0	87	0.00
32	M	1,1,1-Trichloroethane	0.548	0.543	0.9	86	0.00
33	M	Carbon Tetrachloride	0.489	0.498	-1.8	89	0.00
34	M	Benzene	1.414	1.453	-2.8	89	0.00
35		Methacrylonitrile	0.166	0.123	25.9	70	0.00
36	M	1,2-Dichloroethane	0.464	0.442	4.7	82	0.00
37	M	Trichloroethene	0.371	0.377	-1.6	89	0.00
38		Methylcyclohexane	0.491	0.498	-1.4	91	0.00
39	M	1,2-Dichloropropane	0.372	0.394	-5.9	92	0.00
40		Dibromomethane	0.230	0.227	1.3	87	0.00
41	M	Bromodichloromethane	0.486	0.482	0.8	87	0.00
42	M	Vinyl Acetate	0.687	0.647	5.8	85	0.00
43		Ethyl Acetate	0.305	0.287	5.9	82	0.00
44		Isopropyl Acetate	0.565	0.477	15.6	75	0.00
45	T	1,4-Dioxane	0.004	0.003#	25.0	75	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.274	0.219	20.1	72	0.00
47		n-amyl Acetate	0.440	0.360	18.2	79	0.00
48	M	t-1,3-Dichloropropene	0.463	0.455	1.7	87	0.00
49	T	cis-1,3-Dichloropropene	0.544	0.554	-1.8	91	0.00
50	M	1,1,2-Trichloroethane	0.330	0.321	2.7	86	0.00
51		Ethyl methacrylate	0.401	0.352	12.2	84	0.00
52		1,3-Dichloropropane	0.543	0.533	1.8	86	0.00
53	M	Dibromochloromethane	0.375	0.359	4.3	85	0.00
54	M	1,2-Dibromoethane	0.324	0.303	6.5	84	0.00
55	M	2-Chloroethyl vinyl ether	0.182	0.167	8.2	84	0.00
56	M	Bromoform	0.265	0.236	10.9	82	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.349	0.378	-8.3	94	0.00
59	M	2-Hexanone	0.238	0.247	-3.8	92	0.00
60	S	4-Bromofluorobenzene	0.461	0.452	2.0	88	0.00
61	M	Tetrachloroethene	0.406	0.402	1.0	82	0.00
62	M	Toluene	1.712	1.795	-4.8	89	0.00
63	S	Toluene-d8	1.433	1.472	-2.7	89	0.00
64	M	Chlorobenzene	1.038	1.080	-4.0	90	0.00
65		1,1,1,2-Tetrachloroethane	0.405	0.424	-4.7	90	0.00
66	M	Ethyl Benzene	1.749	1.767	-1.0	89	0.00
67	M	m/p-Xylenes	0.673	0.714	-6.1	90	0.00
68	M	o-Xylene	0.640	0.664	-3.8	91	0.00
69	M	Styrene	1.027	1.069	-4.1	90	0.00
70		Isopropylbenzene	1.706	1.758	-3.0	89	0.00
71	M	1,1,2,2-Tetrachloroethane	0.468	0.436	6.8	82	0.00
72		1,2,3-Trichloropropane	0.400	0.378	5.5	82	0.00
73		Bromobenzene	0.454	0.454	0.0	88	0.00
74		n-propylbenzene	1.987	2.028	-2.1	88	0.00
75		2-Chlorotoluene	1.193	1.220	-2.3	88	0.00
76		1,3,5-Trimethylbenzene	1.401	1.469	-4.9	89	0.00
77		t-1,4-Dichloro-2-butene	0.131	0.101	22.9	74	0.00
78		4-Chlorotoluene	1.182	1.221	-3.3	89	0.00
79		tert-butylbenzene	1.198	1.216	-1.5	88	0.00
80		1,2,4-Trimethylbenzene	1.419	1.474	-3.9	88	0.00
81		sec-Butylbenzene	1.627	1.652	-1.5	87	0.00
82		p-Isopropyltoluene	1.388	1.424	-2.6	88	0.00
83	M	1,3-Dichlorobenzene	0.791	0.780	1.4	86	0.00
84	M	1,4-Dichlorobenzene	0.748	0.739	1.2	86	0.00
85		n-Butylbenzene	1.127	1.084	3.8	86	0.00
86	T	Hexachloroethane	0.277	0.265	4.3	83	0.00
87	M	1,2-Dichlorobenzene	0.773	0.767	0.8	85	0.00
88		1,2-Dibromo-3-Chloropropane	0.073	0.059	19.2	72	0.00
89		1,2,4-Trichlorobenzene	0.369	0.321	13.0	82	0.00
90		Hexachlorobutadiene	0.244	0.254	-4.1	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.820	0.566	31.0#	73	0.00
92	1,2,3-Trichlorobenzene	0.376	0.322	14.4	78	0.00

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