Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082018\
Data File : VN050763.D
Acq On : 20 Aug 2018 10:16
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 21 02:58:31 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	83	0.00
2	M	Dichlorodifluoromethane	2.067	1.633	21.0	58	0.00
3	M	Chloromethane	2.131	2.146	-0.7	80	0.00
4	M	Vinyl Chloride	2.269	2.152	5.2	75	0.00
5	M	Bromomethane	1.383	1.249	9.7	72	0.00
6	M	Chloroethane	1.342	1.321	1.6	78	0.00
7	M	Trichlorofluoromethane	2.965	2.888	2.6	75	0.00
8	T	Diethyl Ether	0.995	0.941	5.4	80	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.835	-1.7	79	0.00
10	M	1,1-Dichloroethene	1.599	1.585	0.9	79	0.00
11		Methyl Iodide	2.354	1.070	54.5#	37	0.00
12		Methyl Acetate	1.832	1.435	21.7	62	0.00
13	M	Acrolein	0.113	0.079	30.1#	65	0.00
14	M	Acrylonitrile	0.611	0.530	13.3	73	0.00
15	M	Acetone	0.162	0.176	-8.6	86	0.00
16	M	Carbon Disulfide	4.895	4.790	2.1	79	0.00
17		Allyl chloride	2.526	2.478	1.9	82	0.00
18	M	Methylene Chloride	1.846	1.917	-3.8	83	0.00
19	M	trans-1,2-Dichloroethene	1.712	1.740	-1.6	81	0.00
20	T	Diisopropyl ether	5.179	5.424	-4.7	84	0.00
21	M	1,1-Dichloroethane	3.257	3.280	-0.7	81	0.00
22	M	cis-1,2-Dichloroethene	1.899	1.911	-0.6	82	0.00
23	M	tert-Butyl Alcohol	0.137	0.092	32.8#	57	0.00
24	M	Methyl tert-Butyl Ether	4.362	4.086	6.3	77	0.00
25	M	Chloroform	3.297	3.321	-0.7	80	0.00
26		Cyclohexane	2.588	2.697	-4.2	85	0.00
27	s	1,2-Dichloroethane-d4	2.039	1.918	5.9	77	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29		1,1-Dichloropropene	0.466	0.462	0.9	81	0.00
30	M	2-Butanone	0.146	0.145	0.7	86	0.00
31		2,2-Dichloropropane	0.515	0.501	2.7	81	0.00
32	M	1,1,1-Trichloroethane	0.548	0.522	4.7	79	0.00
33	M	Carbon Tetrachloride	0.489	0.470	3.9	81	0.00
34	M	Benzene	1.414	1.408	0.4	83	0.00
35		Methacrylonitrile	0.166	0.136	18.1	74	0.00
36	M	1,2-Dichloroethane	0.464	0.422	9.1	76	0.00
37	M	Trichloroethene	0.371	0.371	0.0	84	0.00
38		Methylcyclohexane	0.491	0.481	2.0	84	0.00
39	M	1,2-Dichloropropane	0.372	0.381	-2.4	85	0.00
40		Dibromomethane	0.230	0.215	6.5	79	0.00
41	M	Bromodichloromethane	0.486	0.469	3.5	81	0.00
42	M	Vinyl Acetate	0.687	0.611	11.1	77	0.00
43		Ethyl Acetate	0.305	0.253	17.0	70	0.00
44		Isopropyl Acetate	0.565	0.444	21.4	67	0.00
45	T	1,4-Dioxane	0.004	0.003#	25.0	65	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.274	0.214	21.9	68	0.00
47		n-amyl Acetate	0.440	0.350	20.5	74	0.00
48	M	t-1,3-Dichloropropene	0.463	0.436	5.8	80	0.00
49	T	cis-1,3-Dichloropropene	0.544	0.530	2.6	83	0.00
50	M	1,1,2-Trichloroethane	0.330	0.313	5.2	80	0.00
51		Ethyl methacrylate	0.401	0.335	16.5	77	0.00
52		1,3-Dichloropropane	0.543	0.519	4.4	81	0.00
53	M	Dibromochloromethane	0.375	0.352	6.1	81	0.00
54	M	1,2-Dibromoethane	0.324	0.292	9.9	78	0.00
55	M	2-Chloroethyl vinyl ether	0.182	0.164	9.9	80	0.00
56	M	Bromoform	0.265	0.231	12.8	77	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
58	M	4-Methyl-2-Pentanone	0.349	0.352	-0.9	85	0.00
59	M	2-Hexanone	0.238	0.231	2.9	84	0.00
60	S	4-Bromofluorobenzene	0.461	0.462	-0.2	88	0.00
61	M	Tetrachloroethene	0.406	0.379	6.7	75	0.00
62	M	Toluene	1.712	1.701	0.6	83	0.00
63	S	Toluene-d8	1.433	1.431	0.1	84	0.00
64	M	Chlorobenzene	1.038	1.055	-1.6	86	0.00
65		1,1,1,2-Tetrachloroethane	0.405	0.397	2.0	82	0.00
66	M	Ethyl Benzene	1.749	1.722	1.5	84	0.00
67	M	m/p-Xylenes	0.673	0.692	-2.8	85	0.00
68	M	o-Xylene	0.640	0.645	-0.8	87	0.00
69	M	Styrene	1.027	1.053	-2.5	86	0.00
70		Isopropylbenzene	1.706	1.726	-1.2	85	0.00
71	M	1,1,2,2-Tetrachloroethane	0.468	0.425	9.2	78	0.00
72		1,2,3-Trichloropropane	0.400	0.350	12.5	74	0.00
73		Bromobenzene	0.454	0.452	0.4	85	0.00
74		n-propylbenzene	1.987	2.013	-1.3	85	0.00
75		2-Chlorotoluene	1.193	1.217	-2.0	86	0.00
76		1,3,5-Trimethylbenzene	1.401	1.446	-3.2	85	0.00
77		t-1,4-Dichloro-2-butene	0.131	0.099	24.4	70	0.00
78		4-Chlorotoluene	1.182	1.219	-3.1	87	0.00
79		tert-butylbenzene	1.198	1.212	-1.2	86	0.00
80		1,2,4-Trimethylbenzene	1.419	1.471	-3.7	85	0.00
81		sec-Butylbenzene	1.627	1.645	-1.1	84	0.00
82		p-Isopropyltoluene	1.388	1.437	-3.5	87	0.00
83	M	1,3-Dichlorobenzene	0.791	0.787	0.5	85	0.00
84	M	1,4-Dichlorobenzene	0.748	0.748	0.0	85	0.00
85		n-Butylbenzene	1.127	1.090	3.3	84	0.00
86	T	Hexachloroethane	0.277	0.266	4.0	81	0.00
87	M	1,2-Dichlorobenzene	0.773	0.770	0.4	83	0.00
88		1,2-Dibromo-3-Chloropropane	0.073	0.056	23.3	66	0.00
89		1,2,4-Trichlorobenzene	0.369	0.307	16.8	76	0.00
90		Hexachlorobutadiene	0.244	0.247	-1.2	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.820	0.552	32.7#	70	0.00
92	1,2,3-Trichlorobenzene	0.376	0.319	15.2	75	0.00

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