Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092718\
Data File : VL032580.D
Acq On : 28 Sep 2018 12:31
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
LabSampleId : VSTDCCC010

Quant Time: Sep 29 00:06:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 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	85	-0.02
2	T	Dichlorodifluoromethane	0.925	0.797	13.8	83	-0.01
3		Chlorodifluoromethane	0.832	0.798	4.1	90	-0.01
4		Chloromethane	0.485	0.443	8.7	85	-0.01
5	T	Vinyl Chloride	0.490	0.442	9.8	88	-0.01
6	T	Bromomethane	0.268	0.262	2.2	84	-0.02
7		Chloroethane	0.175	0.164	6.3	87	-0.02
8	T	Dichlorotetrafluoroethane	1.011	1.008	0.3	95	-0.01
9	T	Propene	0.361	0.391	-8.3	93	-0.01
10	T	Heptane	1.323	1.322	0.1	80	-0.02
11	T	Trichlorofluoromethane	1.100	1.093	0.6	97	-0.01
12	T	1,1,2-Trichlorotrifluoroeth	0.899	1.031	-14.7	110	-0.02
13		Ethanol	0.108	0.105	2.8	97	-0.01
14	T	Bromoethene	0.319	0.328	-2.8	91	-0.02
15	T	Acetone	0.878	0.902	-2.7	102	-0.02
16	T	1,3-Butadiene	0.356	0.341	4.2	83	-0.02
17		tert-Butyl alcohol	0.110	0.152	-38.2#	140	-0.02
18	T	1,1-Dichloroethene	0.421	0.490	-16.4	105	-0.01
19	T	Isopropyl Alcohol	0.611	0.608	0.5	89	-0.02
20	T	Methylene Chloride	0.425	0.442	-4.0	108	-0.02
21	T	Allyl Chloride	0.717	0.843	-17.6	104	-0.02
22	T	trans-1,2-Dichloroethene	0.397	0.436	-9.8	100	-0.02
23	T	Vinyl Acetate	1.551	1.474	5.0	76	-0.02
24	T	1,1-Dichloroethane	1.292	1.147	11.2	81	-0.02
25	T	Ethyl Acetate	2.130	2.039	4.3	86	-0.02
26	T	Hexane	0.962	0.963	-0.1	88	-0.02
27	T	Carbon Disulfide	1.034	1.180	-14.1	100	-0.02
28	T	Methyl tert-Butyl Ether	1.198	1.230	-2.7	84	-0.02
29	T	Chloroform	1.476	1.476	0.0	94	-0.02
30	T	Cyclohexane	0.783	0.829	-5.9	84	-0.02
31	T	cis-1,2-Dichloroethene	0.916	0.950	-3.7	85	-0.02
32	T	1,1,1-Trichloroethane	1.573	1.526	3.0	90	-0.02
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	-0.02
34	T	2-Butanone	0.595	0.592	0.5	84	-0.02
35	T	Carbon Tetrachloride	0.695	0.682	1.9	93	-0.02
36	T	Benzene	0.808	0.839	-3.8	88	-0.02
37	T	1,2-Dichloroethane	0.487	0.513	-5.3	95	-0.02
38	T	Trichloroethene	0.309	0.326	-5.5	91	-0.02
39	T	1,2-Dichloropropane	0.364	0.352	3.3	83	-0.02
40	T	1,4-Dioxane	0.112	0.110	1.8	85	-0.02
41	T	Tetrahydrofuran	0.324	0.339	-4.6	82	-0.02
42	T	Bromodichloromethane	0.730	0.742	-1.6	90	-0.02
43		Methyl Methacrylate	0.338	0.361	-6.8	84	-0.02
44	T	2,2,4-Trimethylpentane	1.579	1.558	1.3	85	-0.02
45	T	t-1,3-Dichloropropene	0.420	0.494	-17.6	81	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	cis-1,3-Dichloropropene	0.493	0.515	-4.5	77	-0.02
47	T	1,1,2-Trichloroethane	0.404	0.391	3.2	86	-0.02
48	T	Dibromochloromethane	0.636	0.657	-3.3	88	-0.02
49	T	Bromoform	0.486	0.504	-3.7	88	-0.02
50	T	4-Methyl-2-Pentanone	0.936	0.886	5.3	78	-0.02
51	T	2-Hexanone	0.774	0.804	-3.9	80	-0.02
52	T	Tetrachloroethene	0.281	0.275	2.1	85	-0.02
53	T	Toluene	0.985	1.083	-9.9	85	-0.02
54	T	1,2-Dibromoethane	0.575	0.591	-2.8	86	-0.02
55	I	Chlorobenzene-d5	1.000	1.000	0.0	90	-0.02
56		1,1,1,2-Tetrachloroethane	0.450	0.405	10.0	89	-0.02
57	T	Chlorobenzene	0.806	0.699	13.3	86	-0.02
58	T	Ethyl Benzene	1.213	1.244	-2.6	86	-0.02
59	T	m/p-Xylene	1.079	1.039	3.7	87	-0.02
60	T	o-Xylene	1.051	1.021	2.9	88	-0.02
61	T	Styrene	0.687	0.736	-7.1	84	-0.02
62		Isopropylbenzene	1.486	1.419	4.5	86	-0.02
63	T	1,1,2,2-Tetrachloroethane	0.933	0.757	18.9	86	-0.02
64		n-propylbenzene	0.382	0.365	4.5	85	-0.02
65		tert-Butylbenzene	1.274	1.199	5.9	88	-0.02
66	T	Benzyl Chloride	0.734	0.723	1.5	82	-0.02
67		sec-Butylbenzene	1.894	1.769	6.6	87	-0.02
68	S	1-Bromo-4-Fluorobenzene	0.754	0.710	5.8	86	-0.02
69		p-Isopropyltoluene	1.463	1.405	4.0	87	-0.02
70		n-Butylbenzene	1.598	1.521	4.8	85	-0.02
71		2-Chlorotoluene	1.132	1.112	1.8	86	-0.02
72	T	4-Ethyltoluene	1.141	1.156	-1.3	86	-0.02
73	T	1,3,5-Trimethylbenzene	1.108	1.099	0.8	86	-0.02
74	T	1,2,4-Trimethylbenzene	1.193	1.113	6.7	87	-0.02
75	T	1,3-Dichlorobenzene	0.736	0.611	17.0	85	-0.02
76	T	1,4-Dichlorobenzene	0.674	0.600	11.0	82	-0.02
77	T	1,2-Dichlorobenzene	0.693	0.603	13.0	85	-0.02
78	T	Hexachloro-1,3-Butadiene	0.260	0.349	-34.2#	146	-0.02
79	T	Naphthalene	0.861	0.893	-3.7	75	-0.03
80	T	Naphthalene,2-methyl-	0.202	0.270	-33.7#	60	-0.01
81	T	1,2,4-Trichlorobenzene	0.441	0.426	3.4	75	-0.03

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