Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
Data File : VD063266.D
Acq On : 31 Jul 2019 4:43
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 31 07:00:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	76	0.00
2	T	Dichlorodifluoromethane	0.611	0.524	14.2	72	0.02
3	P	Chloromethane	0.475	0.424	10.7	75	0.00
4	C	Vinyl Chloride	0.492	0.426	13.4#	69	0.00
5	T	Bromomethane	0.248	0.257	-3.6	79	0.00
6	T	Chloroethane	0.227	0.219	3.5	76	0.00
7	T	Trichlorofluoromethane	0.954	0.869	8.9	71	0.02
8	T	Diethyl Ether	0.133	0.135	-1.5	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.528	0.489	7.4	79	0.00
10	T	Methyl Iodide	0.763	0.755	1.0	72	0.02
11	T	Tert butyl alcohol	0.024	0.027	-12.5	97	0.02
12	CM	1,1-Dichloroethene	0.388	0.349	10.1#	74	0.02
13	T	Acrolein	0.023	0.019	17.4	72	0.00
14	T	Allyl chloride	0.618	0.591	4.4	74	0.02
15	T	Acrylonitrile	0.063	0.068	-7.9	91	0.02
16	T	Acetone	0.108	0.110	-1.9	79	0.00
17	T	Carbon Disulfide	1.298	1.205	7.2	73	0.00
18	T	Methyl Acetate	0.208	0.255	-22.6#	108	0.02
19	T	Methyl tert-butyl Ether	0.876	0.966	-10.3	89	0.00
20	T	Methylene Chloride	0.437	0.452	-3.4	84	0.02
21	T	trans-1,2-Dichloroethene	0.435	0.423	2.8	79	0.02
22	T	Diisopropyl ether	1.234	1.317	-6.7	84	0.02
23	T	Vinyl Acetate	0.759	0.805	-6.1	83	0.00
24	P	1,1-Dichloroethane	0.788	0.817	-3.7	82	0.02
25	T	2-Butanone	0.108	0.123	-13.9	88	0.00
26	T	2,2-Dichloropropane	0.813	0.742	8.7	69	0.00
27	T	cis-1,2-Dichloroethene	0.467	0.502	-7.5	82	0.02
28	T	Bromochloromethane	0.314	0.372	-18.5	93	0.02
29		Tetrahydrofuran	0.051	0.057	-11.8	91	0.02
30	C	Chloroform	0.978	1.064	-8.8#	87	0.02
31	T	Cyclohexane	0.494	0.398	19.4	65	0.02
32	T	1,1,1-Trichloroethane	0.946	0.971	-2.6	81	0.00
33	S	1,2-Dichloroethane-d4	0.555	0.706	-27.2#	92	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.427	0.491	-15.0	94	0.02
36	T	1,1-Dichloropropene	0.456	0.427	6.4	75	0.00
37	T	Ethyl Acetate	0.205	0.204	0.5	94	0.02
38	T	Carbon Tetrachloride	0.687	0.715	-4.1	81	0.02
39	T	Methylcyclohexane	0.380	0.311	18.2	67	0.00
40	TM	Benzene	0.956	0.956	0.0	79	0.02
41	T	Methacrylonitrile	0.245	0.282	-15.1	97	0.00
42	TM	1,2-Dichloroethane	0.507	0.567	-11.8	93	0.00
43	T	Isopropyl Acetate	0.262	0.282	-7.6	92	0.00
44	TM	Trichloroethene	0.388	0.375	3.4	80	0.00
45	C	1,2-Dichloropropane	0.243	0.243	0.0	83	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.202	0.216	-6.9	89	0.00
47	T	Bromodichloromethane	0.515	0.572	-11.1	92	0.00
48	T	Methyl methacrylate	0.170	0.192	-12.9	91	0.00
49	T	1,4-Dioxane	0.001	0.002	-100.0#	95	0.00
50	S	Toluene-d8	0.955	1.061	-11.1	85	0.00
51	T	4-Methyl-2-Pentanone	0.178	0.205	-15.2	96	0.00
52	CM	Toluene	0.636	0.687	-8.0#	93	0.00
53	T	t-1,3-Dichloropropene	0.444	0.466	-5.0	85	0.00
54	T	cis-1,3-Dichloropropene	0.467	0.500	-7.1	86	0.00
55	T	1,1,2-Trichloroethane	0.215	0.231	-7.4	92	0.00
56	T	Ethyl methacrylate	0.235	0.247	-5.1	85	0.00
57	T	1,3-Dichloropropane	0.338	0.364	-7.7	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.122	0.133	-9.0	89	0.00
59	T	2-Hexanone	0.128	0.144	-12.5	99	0.00
60	T	Dibromochloromethane	0.406	0.461	-13.5	91	0.00
61	T	1,2-Dibromoethane	0.265	0.310	-17.0	98	0.00
62	S	4-Bromofluorobenzene	0.435	0.509	-17.0	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64	T	Tetrachloroethene	0.398	0.391	1.8	96	0.00
65	PM	Chlorobenzene	0.962	0.921	4.3	86	0.00
66	T	1,1,1,2-Tetrachloroethane	0.424	0.423	0.2	92	0.00
67	C	Ethyl Benzene	1.634	1.529	6.4#	87	0.00
68	T	m/p-Xylenes	0.599	0.529	11.7	83	0.00
69	T	o-Xylene	0.550	0.526	4.4	94	0.00
70	T	Styrene	0.976	0.895	8.3	84	0.00
71	P	Bromoform	0.308	0.323	-4.9	97	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.138	2.635	16.0	80	0.00
74	T	N-amyl acetate	0.830	0.796	4.1	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.533	0.566	-6.2	101	0.00
76	T	1,2,3-Trichloropropane	0.601	0.596	0.8	92	0.00
77	T	Bromobenzene	0.894	0.845	5.5	93	0.00
78	T	n-propylbenzene	3.734	3.100	17.0	78	0.00
79	T	2-Chlorotoluene	2.164	1.882	13.0	84	0.00
80	T	1,3,5-Trimethylbenzene	2.707	2.234	17.5	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.167	0.154	7.8	86	0.00
82	T	4-Chlorotoluene	2.547	2.280	10.5	91	0.00
83	T	tert-Butylbenzene	3.090	2.731	11.6	86	0.00
84	T	1,2,4-Trimethylbenzene	2.800	2.428	13.3	82	0.00
85	T	sec-Butylbenzene	3.256	2.763	15.1	84	0.00
86	T	p-Isopropyltoluene	3.108	2.587	16.8	83	0.00
87	T	1,3-Dichlorobenzene	1.583	1.515	4.3	95	0.00
88	T	1,4-Dichlorobenzene	1.601	1.488	7.1	90	0.00
89	T	n-Butylbenzene	2.684	2.322	13.5	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.810	0.681	15.9	84	0.00
91 T	1,2-Dichlorobenzene	1.379	1.303	5.5	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.109	0.107	1.8	117	0.00
93 T	1,2,4-Trichlorobenzene	1.094	0.939	14.2	85	0.00
94 T	Hexachlorobutadiene	0.793	0.675	14.9	81	0.00
95 T	Naphthalene	1.547	1.494	3.4	95	0.00
96 T	1,2,3-Trichlorobenzene	0.864	0.819	5.2	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5