Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv022120\
Data File : VY001759.D
Acq On : 21 Feb 2020 21:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Feb 22 05:40:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	80	0.02
2	T	Dichlorodifluoromethane	0.487	0.509	-4.5	78	0.00
3	P	Chloromethane	0.656	0.686	-4.6	83	0.01
4	C	Vinyl Chloride	0.661	0.653	1.2#	77	0.01
5	T	Bromomethane	0.413	0.447	-8.2	85	0.02
6	T	Chloroethane	0.407	0.420	-3.2	82	0.02
7	T	Trichlorofluoromethane	0.846	0.879	-3.9	84	0.02
8	T	Diethyl Ether	0.334	0.378	-13.2	93	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.532	0.544	-2.3	82	0.02
10	T	Methyl Iodide	0.651	0.653	-0.3	75	0.02
11	T	Tert butyl alcohol	0.075	0.067	10.7	90	0.03
12	CM	1,1-Dichloroethene	0.543	0.562	-3.5#	84	0.02
13	T	Acrolein	0.054	0.046	14.8	71	0.02
14	T	Allyl chloride	0.966	1.071	-10.9	89	0.02
15	T	Acrylonitrile	0.171	0.204	-19.3	95	0.02
16	T	Acetone	0.186	0.161	13.4	60	0.02
17	T	Carbon Disulfide	1.811	1.806	0.3	80	0.02
18	T	Methyl Acetate	0.405	0.472	-16.5	95	0.02
19	T	Methyl tert-butyl Ether	1.510	1.706	-13.0	91	0.02
20	T	Methylene Chloride	0.661	0.714	-8.0	96	0.03
21	T	trans-1,2-Dichloroethene	0.619	0.649	-4.8	85	0.02
22	T	Diisopropyl ether	1.983	2.284	-15.2	93	0.02
23	T	Vinyl Acetate	1.293	1.518	-17.4	92	0.02
24	P	1,1-Dichloroethane	1.060	1.171	-10.5	89	0.03
25	T	2-Butanone	0.253	0.270	-6.7	79	0.02
26	T	2,2-Dichloropropane	0.922	0.908	1.5	82	0.02
27	T	cis-1,2-Dichloroethene	0.683	0.732	-7.2	88	0.02
28	T	Bromochloromethane	0.441	0.543	-23.1	94	0.02
29	T	Tetrahydrofuran	0.153	0.180	-17.6	92	0.02
30	C	Chloroform	1.035	1.123	-8.5#	89	0.02
31	T	Cyclohexane	1.130	1.109	1.9	83	0.02
32	T	1,1,1-Trichloroethane	0.870	0.912	-4.8	84	0.02
33	S	1,2-Dichloroethane-d4	0.538	0.570	-5.9	86	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.01
35	S	Dibromofluoromethane	0.286	0.274	4.2	85	0.02
36	T	1,1-Dichloropropene	0.478	0.478	0.0	84	0.02
37	T	Ethyl Acetate	0.285	0.315	-10.5	93	0.02
38	T	Carbon Tetrachloride	0.420	0.413	1.7	82	0.02
39	T	Methylcyclohexane	0.634	0.611	3.6	81	0.02
40	TM	Benzene	1.405	1.480	-5.3	89	0.01
41	T	Methacrylonitrile	0.143	0.167	-16.8	91	0.03
42	TM	1,2-Dichloroethane	0.383	0.412	-7.6	91	0.02
43	T	Isopropyl Acetate	0.541	0.614	-13.5	93	0.01
44	TM	Trichloroethene	0.351	0.352	-0.3	85	0.01
45	C	1,2-Dichloropropane	0.352	0.379	-7.7#	91	0.01

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.184	0.203	-10.3	93	0.02
47	T	Bromodichloromethane	0.444	0.476	-7.2	89	0.01
48	T	Methyl methacrylate	0.245	0.271	-10.6	91	0.01
49	T	1,4-Dioxane	0.003	0.003	0.0	83	0.02
50	S	Toluene-d8	1.122	1.128	-0.5	83	0.01
51	T	4-Methyl-2-Pentanone	0.278	0.317	-14.0	93	0.01
52	CM	Toluene	0.876	0.904	-3.2#	86	0.01
53	T	t-1,3-Dichloropropene	0.491	0.524	-6.7	87	0.01
54	T	cis-1,3-Dichloropropene	0.565	0.599	-6.0	88	0.01
55	T	1,1,2-Trichloroethane	0.271	0.298	-10.0	91	0.01
56	T	Ethyl methacrylate	0.407	0.455	-11.8	90	0.01
57	T	1,3-Dichloropropane	0.482	0.525	-8.9	89	0.01
58	T	2-Chloroethyl Vinyl ether	0.170	0.157	7.6	93	0.02
59	T	2-Hexanone	0.209	0.224	-7.2	82	0.01
60	T	Dibromochloromethane	0.299	0.319	-6.7	87	0.01
61	T	1,2-Dibromoethane	0.257	0.287	-11.7	92	0.01
62	S	4-Bromofluorobenzene	0.436	0.415	4.8	84	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.314	0.311	1.0	85	0.01
65	PM	Chlorobenzene	0.998	1.029	-3.1	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.337	0.348	-3.3	87	0.00
67	C	Ethyl Benzene	1.853	1.914	-3.3#	87	0.01
68	T	m/p-Xylenes	0.692	0.710	-2.6	86	0.01
69	T	o-Xylene	0.658	0.681	-3.5	86	0.00
70	T	Styrene	1.143	1.203	-5.2	87	0.01
71	P	Bromoform	0.192	0.204	-6.2	84	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73	T	Isopropylbenzene	3.809	3.896	-2.3	85	0.00
74	T	N-amyl acetate	1.216	1.351	-11.1	90	0.01
75	P	1,1,2,2-Tetrachloroethane	0.813	0.897	-10.3	89	0.01
76	T	1,2,3-Trichloropropane	0.574	0.608	-5.9	97	0.00
77	T	Bromobenzene	0.826	0.855	-3.5	87	0.00
78	T	n-propylbenzene	4.639	4.786	-3.2	85	0.00
79	T	2-Chlorotoluene	2.602	2.731	-5.0	88	0.00
80	T	1,3,5-Trimethylbenzene	3.153	3.242	-2.8	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.302	0.320	-6.0	82	0.00
82	T	4-Chlorotoluene	2.744	2.846	-3.7	84	0.00
83	T	tert-Butylbenzene	2.637	2.653	-0.6	82	0.00
84	T	1,2,4-Trimethylbenzene	3.144	3.286	-4.5	86	0.01
85	T	sec-Butylbenzene	3.879	3.923	-1.1	83	0.01
86	T	p-Isopropyltoluene	3.369	3.410	-1.2	83	0.01
87	T	1,3-Dichlorobenzene	1.601	1.647	-2.9	85	0.00
88	T	1,4-Dichlorobenzene	1.619	1.646	-1.7	85	0.00
89	T	n-Butylbenzene	3.443	3.476	-1.0	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.635	0.649	-2.2	82	0.00
91 T	1,2-Dichlorobenzene	1.478	1.527	-3.3	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.134	0.143	-6.7	87	0.00
93 T	1,2,4-Trichlorobenzene	0.979	0.964	1.5	82	0.00
94 T	Hexachlorobutadiene	0.487	0.460	5.5	81	0.00
95 T	Naphthalene	2.258	2.359	-4.5	85	0.01
96 T	1,2,3-Trichlorobenzene	0.862	0.866	-0.5	84	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 6