Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
Data File : VY017065.D
Acq On : 22 Jan 2024 09:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 23 01:41:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
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	109	0.02
2	T	Dichlorodifluoromethane	0.403	0.410	-1.7	115	0.00
3	P	Chloromethane	0.587	0.650	-10.7	118	0.01
4	C	Vinyl Chloride	0.693	0.761	-9.8#	115	0.01
5	T	Bromomethane	0.496	0.526	-6.0	118	0.01
6	T	Chloroethane	0.469	0.489	-4.3	110	0.01
7	T	Trichlorofluoromethane	0.854	0.857	-0.4	106	0.02
8	T	Diethyl Ether	0.273	0.253	7.3	95	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.555	0.541	2.5	104	0.02
10	T	Methyl Iodide	0.472	0.543	-15.0	112	0.02
11	T	Tert butyl alcohol	0.048	0.028	41.7#	82	0.02
12	CM	1,1-Dichloroethene	0.476	0.496	-4.2#	109	0.02
13	T	Acrolein	0.060	0.035	41.7#	72	0.02
14	T	Allyl chloride	0.753	0.753	0.0	103	0.02
15	T	Acrylonitrile	0.128	0.111	13.3	91	0.02
16	T	Acetone	0.149	0.116	22.1	101	0.01
17	T	Carbon Disulfide	1.138	1.500	-31.8#	130	0.02
18	T	Methyl Acetate	0.529	0.535	-1.1	95	0.01
19	T	Methyl tert-butyl Ether	1.239	1.137	8.2	93	0.02
20	T	Methylene Chloride	0.817	0.537	34.3#	88	0.02
21	T	trans-1,2-Dichloroethene	0.545	0.579	-6.2	109	0.02
22	T	Diisopropyl ether	1.741	1.649	5.3	95	0.02
23	T	Vinyl Acetate	0.798	0.706	11.5	92	0.02
24	P	1,1-Dichloroethane	1.046	0.994	5.0	99	0.02
25	T	2-Butanone	0.188	0.149	20.7	92	0.02
26	T	2,2-Dichloropropane	0.907	0.868	4.3	100	0.02
27	T	cis-1,2-Dichloroethene	0.639	0.638	0.2	103	0.02
28	T	Bromochloromethane	0.393	0.414	-5.3	100	0.02
29	T	Tetrahydrofuran	0.100	0.087	13.0	89	0.02
30	C	Chloroform	1.078	1.006	6.7#	98	0.02
31	T	Cyclohexane	0.848	0.904	-6.6	113	0.02
32	T	1,1,1-Trichloroethane	0.914	0.888	2.8	101	0.02
33	S	1,2-Dichloroethane-d4	0.494	0.428	13.4	93	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.02
35	S	Dibromofluoromethane	0.319	0.309	3.1	102	0.02
36	T	1,1-Dichloropropene	0.464	0.489	-5.4	105	0.02
37	T	Ethyl Acetate	0.211	0.177	16.1	85	0.02
38	T	Carbon Tetrachloride	0.472	0.485	-2.8	104	0.02
39	T	Methylcyclohexane	0.522	0.609	-16.7	112	0.02
40	TM	Benzene	1.393	1.413	-1.4	102	0.02
41	T	Methacrylonitrile	0.111	0.090	18.9	90	0.02
42	TM	1,2-Dichloroethane	0.370	0.349	5.7	97	0.02
43	T	Isopropyl Acetate	0.404	0.354	12.4	90	0.02
44	TM	Trichloroethene	0.354	0.370	-4.5	105	0.02
45	C	1,2-Dichloropropane	0.359	0.342	4.7#	97	0.02
46	T	Dibromomethane	0.183	0.174	4.9	97	0.02
47	T	Bromodichloromethane	0.491	0.463	5.7	96	0.02
48	T	Methyl methacrylate	0.218	0.204	6.4	91	0.02

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	88	0.01
50	S	Toluene-d8	1.097	1.024	6.7	94	0.02
51	T	4-Methyl-2-Pentanone	0.215	0.188	12.6	86	0.01
52	CM	Toluene	0.841	0.875	-4.0#	103	0.02
53	T	t-1,3-Dichloropropene	0.440	0.422	4.1	95	0.02
54	T	cis-1,3-Dichloropropene	0.529	0.524	0.9	99	0.01
55	T	1,1,2-Trichloroethane	0.267	0.240	10.1	92	0.02
56	T	Ethyl methacrylate	0.226	0.216	4.4	93	0.01
57	T	1,3-Dichloropropane	0.446	0.418	6.3	95	0.02
58	T	2-Chloroethyl Vinyl ether	0.129	0.110	14.7	81	0.02
59	T	2-Hexanone	0.158	0.135	14.6	89	0.01
60	T	Dibromochloromethane	0.308	0.285	7.5	93	0.01
61	T	1,2-Dibromoethane	0.232	0.222	4.3	95	0.02
62	S	4-Bromofluorobenzene	0.370	0.351	5.1	99	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.01
64	T	Tetrachloroethene	0.324	0.348	-7.4	108	0.02
65	PM	Chlorobenzene	1.042	1.051	-0.9	102	0.02
66	T	1,1,1,2-Tetrachloroethane	0.396	0.383	3.3	96	0.02
67	C	Ethyl Benzene	1.875	1.983	-5.8#	102	0.02
68	T	m/p-Xylenes	0.688	0.742	-7.8	103	0.02
69	T	o-Xylene	0.645	0.678	-5.1	100	0.02
70	T	Styrene	0.939	0.979	-4.3	98	0.02
71	P	Bromoform	0.195	0.183	6.2	92	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.02
73	T	Isopropylbenzene	4.083	4.308	-5.5	101	0.02
74	T	N-amyl acetate	0.820	0.736	10.2	86	0.01
75	P	1,1,2,2-Tetrachloroethane	0.832	0.720	13.5	88	0.01
76	T	1,2,3-Trichloropropane	0.543	0.518	4.6	85	0.02
77	T	Bromobenzene	0.899	0.900	-0.1	100	0.02
78	T	n-propylbenzene	4.964	5.204	-4.8	100	0.02
79	T	2-Chlorotoluene	2.753	2.773	-0.7	98	0.02
80	T	1,3,5-Trimethylbenzene	3.229	3.429	-6.2	101	0.02
81	T	trans-1,4-Dichloro-2-butene	0.239	0.215	10.0	91	0.02
82	T	4-Chlorotoluene	2.812	2.855	-1.5	99	0.02
83	T	tert-Butylbenzene	2.844	2.965	-4.3	101	0.01
84	T	1,2,4-Trimethylbenzene	3.180	3.355	-5.5	100	0.02
85	T	sec-Butylbenzene	4.214	4.418	-4.8	100	0.01
86	T	p-Isopropyltoluene	3.478	3.677	-5.7	99	0.01
87	T	1,3-Dichlorobenzene	1.763	1.747	0.9	98	0.02
88	T	1,4-Dichlorobenzene	1.724	1.693	1.8	98	0.02
89	T	n-Butylbenzene	3.344	3.544	-6.0	100	0.02
90	T	Hexachloroethane	0.747	0.733	1.9	97	0.01
91	T	1,2-Dichlorobenzene	1.524	1.464	3.9	95	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.086	17.3	87	0.01
93	T	1,2,4-Trichlorobenzene	0.757	0.773	-2.1	96	0.01
94	T	Hexachlorobutadiene	0.474	0.480	-1.3	99	0.01
95	T	Naphthalene	1.345	1.353	-0.6	92	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.625	2.6	92	0.02

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