Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
Data File : VY017027.D
Acq On : 17 Jan 2024 21:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 18 08:28:05 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	90	0.03
2	T	Dichlorodifluoromethane	0.403	0.425	-5.5	98	0.01
3	P	Chloromethane	0.587	0.733	-24.9	110	0.02
4	C	Vinyl Chloride	0.693	0.832	-20.1#	104	0.02
5	T	Bromomethane	0.496	0.638	-28.6#	118	0.02
6	T	Chloroethane	0.469	0.552	-17.7	103	0.02
7	T	Trichlorofluoromethane	0.854	0.871	-2.0	89	0.02
8	T	Diethyl Ether	0.273	0.309	-13.2	96	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.555	0.541	2.5	86	0.03
10	T	Methyl Iodide	0.472	0.552	-16.9	94	0.03
11	T	Tert butyl alcohol	0.048	0.037	22.9	90	0.03
12	CM	1,1-Dichloroethene	0.476	0.530	-11.3#	96	0.03
13	T	Acrolein	0.060	0.047	21.7	79	0.02
14	T	Allyl chloride	0.753	0.858	-13.9	96	0.03
15	T	Acrylonitrile	0.128	0.139	-8.6	95	0.03
16	T	Acetone	0.149	0.128	14.1	92	0.02
17	T	Carbon Disulfide	1.138	1.680	-47.6#	120	0.03
18	T	Methyl Acetate	0.529	0.674	-27.4#	99	0.02
19	T	Methyl tert-butyl Ether	1.239	1.366	-10.3	92	0.04
20	T	Methylene Chloride	0.817	0.653	20.1	89	0.04
21	T	trans-1,2-Dichloroethene	0.545	0.640	-17.4	100	0.04
22	T	Diisopropyl ether	1.741	1.917	-10.1	91	0.04
23	T	Vinyl Acetate	0.798	0.865	-8.4	93	0.04
24	P	1,1-Dichloroethane	1.046	1.126	-7.6	92	0.04
25	T	2-Butanone	0.188	0.185	1.6	94	0.04
26	T	2,2-Dichloropropane	0.907	0.882	2.8	84	0.04
27	T	cis-1,2-Dichloroethene	0.639	0.718	-12.4	95	0.03
28	T	Bromochloromethane	0.393	0.434	-10.4	87	0.03
29	T	Tetrahydrofuran	0.100	0.112	-12.0	95	0.03
30	C	Chloroform	1.078	1.150	-6.7#	92	0.03
31	T	Cyclohexane	0.848	0.932	-9.9	96	0.03
32	T	1,1,1-Trichloroethane	0.914	0.958	-4.8	90	0.03
33	S	1,2-Dichloroethane-d4	0.494	0.430	13.0	77	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.02
35	S	Dibromofluoromethane	0.319	0.271	15.0	79	0.03
36	T	1,1-Dichloropropene	0.464	0.497	-7.1	95	0.03
37	T	Ethyl Acetate	0.211	0.215	-1.9	91	0.03
38	T	Carbon Tetrachloride	0.472	0.470	0.4	89	0.02
39	T	Methylcyclohexane	0.522	0.596	-14.2	97	0.03
40	TM	Benzene	1.393	1.512	-8.5	97	0.03
41	T	Methacrylonitrile	0.111	0.113	-1.8	100	0.03
42	TM	1,2-Dichloroethane	0.370	0.393	-6.2	96	0.02
43	T	Isopropyl Acetate	0.404	0.420	-4.0	94	0.02
44	TM	Trichloroethene	0.354	0.376	-6.2	94	0.03
45	C	1,2-Dichloropropane	0.359	0.374	-4.2#	93	0.02
46	T	Dibromomethane	0.183	0.195	-6.6	96	0.02
47	T	Bromodichloromethane	0.491	0.502	-2.2	92	0.02
48	T	Methyl methacrylate	0.218	0.246	-12.8	97	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	93	0.02
50	S	Toluene-d8	1.097	0.895	18.4	72	0.02
51	T	4-Methyl-2-Pentanone	0.215	0.227	-5.6	92	0.02
52	CM	Toluene	0.841	0.923	-9.8#	96	0.02
53	T	t-1,3-Dichloropropene	0.440	0.458	-4.1	91	0.02
54	T	cis-1,3-Dichloropropene	0.529	0.556	-5.1	92	0.02
55	T	1,1,2-Trichloroethane	0.267	0.271	-1.5	92	0.02
56	T	Ethyl methacrylate	0.226	0.250	-10.6	95	0.02
57	T	1,3-Dichloropropane	0.446	0.474	-6.3	95	0.02
58	T	2-Chloroethyl Vinyl ether	0.129	0.145	-12.4	94	0.03
59	T	2-Hexanone	0.158	0.156	1.3	91	0.02
60	T	Dibromochloromethane	0.308	0.318	-3.2	92	0.02
61	T	1,2-Dibromoethane	0.232	0.253	-9.1	96	0.02
62	S	4-Bromofluorobenzene	0.370	0.307	17.0	77	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.02
64	T	Tetrachloroethene	0.324	0.354	-9.3	100	0.02
65	PM	Chlorobenzene	1.042	1.079	-3.6	95	0.02
66	T	1,1,1,2-Tetrachloroethane	0.396	0.395	0.3	90	0.02
67	C	Ethyl Benzene	1.875	1.998	-6.6#	94	0.02
68	T	m/p-Xylenes	0.688	0.747	-8.6	95	0.02
69	T	o-Xylene	0.645	0.695	-7.8	94	0.02
70	T	Styrene	0.939	1.029	-9.6	93	0.02
71	P	Bromoform	0.195	0.197	-1.0	90	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.02
73	T	Isopropylbenzene	4.083	4.251	-4.1	91	0.02
74	T	N-amyl acetate	0.820	0.838	-2.2	90	0.02
75	P	1,1,2,2-Tetrachloroethane	0.832	0.797	4.2	90	0.02
76	T	1,2,3-Trichloropropane	0.543	0.964	-77.5#	146	0.02
77	T	Bromobenzene	0.899	0.911	-1.3	93	0.02
78	T	n-propylbenzene	4.964	5.072	-2.2	89	0.02
79	T	2-Chlorotoluene	2.753	2.800	-1.7	91	0.02
80	T	1,3,5-Trimethylbenzene	3.229	3.378	-4.6	91	0.02
81	T	trans-1,4-Dichloro-2-butene	0.239	0.241	-0.8	94	0.02
82	T	4-Chlorotoluene	2.812	2.871	-2.1	92	0.02
83	T	tert-Butylbenzene	2.844	2.939	-3.3	92	0.02
84	T	1,2,4-Trimethylbenzene	3.180	3.345	-5.2	92	0.02
85	T	sec-Butylbenzene	4.214	4.195	0.5	87	0.02
86	T	p-Isopropyltoluene	3.478	3.524	-1.3	87	0.02
87	T	1,3-Dichlorobenzene	1.763	1.757	0.3	90	0.02
88	T	1,4-Dichlorobenzene	1.724	1.694	1.7	90	0.02
89	T	n-Butylbenzene	3.344	3.328	0.5	86	0.02
90	T	Hexachloroethane	0.747	0.710	5.0	87	0.02
91	T	1,2-Dichlorobenzene	1.524	1.493	2.0	89	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.097	6.7	90	0.01
93	T	1,2,4-Trichlorobenzene	0.757	0.726	4.1	83	0.01
94	T	Hexachlorobutadiene	0.474	0.405	14.6	77	0.02
95	T	Naphthalene	1.345	1.369	-1.8	86	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.601	6.4	81	0.02

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