Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
Data File : VY017041.D
Acq On : 18 Jan 2024 16:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 19 02:29:45 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	97	0.02
2	T	Dichlorodifluoromethane	0.403	0.414	-2.7	104	0.00
3	P	Chloromethane	0.587	0.695	-18.4	113	0.01
4	C	Vinyl Chloride	0.693	0.814	-17.5#	110	0.01
5	T	Bromomethane	0.496	0.573	-15.5	115	0.01
6	T	Chloroethane	0.469	0.531	-13.2	107	0.01
7	T	Trichlorofluoromethane	0.854	0.873	-2.2	96	0.01
8	T	Diethyl Ether	0.273	0.244	10.6	82	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.555	0.554	0.2	95	0.02
10	T	Methyl Iodide	0.472	0.533	-12.9	98	0.02
11	T	Tert butyl alcohol	0.048	0.021	56.3#	56	0.01
12	CM	1,1-Dichloroethene	0.476	0.521	-9.5#	102	0.01
13	T	Acrolein	0.060	0.035	41.7#	65	0.01
14	T	Allyl chloride	0.753	0.791	-5.0	96	0.01
15	T	Acrylonitrile	0.128	0.101	21.1	74	0.02
16	T	Acetone	0.149	0.095	36.2#	74	0.01
17	T	Carbon Disulfide	1.138	1.626	-42.9#	126	0.02
18	T	Methyl Acetate	0.529	0.480	9.3	76	0.00
19	T	Methyl tert-butyl Ether	1.239	1.059	14.5	77	0.03
20	T	Methylene Chloride	0.817	0.593	27.4#	87	0.02
21	T	trans-1,2-Dichloroethene	0.545	0.610	-11.9	103	0.02
22	T	Diisopropyl ether	1.741	1.687	3.1	86	0.02
23	T	Vinyl Acetate	0.798	0.687	13.9	80	0.02
24	P	1,1-Dichloroethane	1.046	1.048	-0.2	93	0.02
25	T	2-Butanone	0.188	0.127	32.4#	70	0.02
26	T	2,2-Dichloropropane	0.907	0.879	3.1	91	0.02
27	T	cis-1,2-Dichloroethene	0.639	0.654	-2.3	94	0.01
28	T	Bromochloromethane	0.393	0.431	-9.7	93	0.02
29	T	Tetrahydrofuran	0.100	0.076	24.0	69	0.01
30	C	Chloroform	1.078	1.049	2.7#	91	0.02
31	T	Cyclohexane	0.848	0.967	-14.0	108	0.01
32	T	1,1,1-Trichloroethane	0.914	0.906	0.9	92	0.02
33	S	1,2-Dichloroethane-d4	0.494	0.441	10.7	86	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
35	S	Dibromofluoromethane	0.319	0.308	3.4	95	0.02
36	T	1,1-Dichloropropene	0.464	0.503	-8.4	101	0.02
37	T	Ethyl Acetate	0.211	0.161	23.7	72	0.02
38	T	Carbon Tetrachloride	0.472	0.471	0.2	95	0.01
39	T	Methylcyclohexane	0.522	0.610	-16.9	105	0.02
40	TM	Benzene	1.393	1.429	-2.6	97	0.02
41	T	Methacrylonitrile	0.111	0.100	9.9	93	0.03
42	TM	1,2-Dichloroethane	0.370	0.337	8.9	87	0.01
43	T	Isopropyl Acetate	0.404	0.307	24.0	72	0.02
44	TM	Trichloroethene	0.354	0.358	-1.1	95	0.02
45	C	1,2-Dichloropropane	0.359	0.343	4.5#	90	0.01
46	T	Dibromomethane	0.183	0.163	10.9	85	0.02
47	T	Bromodichloromethane	0.491	0.446	9.2	87	0.01
48	T	Methyl methacrylate	0.218	0.179	17.9	75	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.001	50.0#	72	0.01
50	S	Toluene-d8	1.097	1.047	4.6	90	0.01
51	T	4-Methyl-2-Pentanone	0.215	0.158	26.5#	68	0.01
52	CM	Toluene	0.841	0.872	-3.7#	96	0.02
53	T	t-1,3-Dichloropropene	0.440	0.398	9.5	84	0.02
54	T	cis-1,3-Dichloropropene	0.529	0.502	5.1	88	0.01
55	T	1,1,2-Trichloroethane	0.267	0.223	16.5	80	0.01
56	T	Ethyl methacrylate	0.226	0.187	17.3	75	0.01
57	T	1,3-Dichloropropane	0.446	0.386	13.5	82	0.01
58	T	2-Chloroethyl Vinyl ether	0.129	0.110	14.7	76	0.02
59	T	2-Hexanone	0.158	0.110	30.4#	68	0.01
60	T	Dibromochloromethane	0.308	0.263	14.6	80	0.01
61	T	1,2-Dibromoethane	0.232	0.202	12.9	81	0.01
62	S	4-Bromofluorobenzene	0.370	0.351	5.1	93	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.01
64	T	Tetrachloroethene	0.324	0.339	-4.6	98	0.02
65	PM	Chlorobenzene	1.042	1.038	0.4	93	0.01
66	T	1,1,1,2-Tetrachloroethane	0.396	0.372	6.1	87	0.01
67	C	Ethyl Benzene	1.875	2.004	-6.9#	96	0.02
68	T	m/p-Xylenes	0.688	0.742	-7.8	96	0.02
69	T	o-Xylene	0.645	0.677	-5.0	93	0.01
70	T	Styrene	0.939	0.980	-4.4	91	0.02
71	P	Bromoform	0.195	0.164	15.9	77	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.02
73	T	Isopropylbenzene	4.083	4.345	-6.4	94	0.02
74	T	N-amyl acetate	0.820	0.646	21.2	70	0.01
75	P	1,1,2,2-Tetrachloroethane	0.832	0.647	22.2	73	0.01
76	T	1,2,3-Trichloropropane	0.543	0.449	17.3	68	0.01
77	T	Bromobenzene	0.899	0.865	3.8	89	0.02
78	T	n-propylbenzene	4.964	5.314	-7.1	94	0.02
79	T	2-Chlorotoluene	2.753	2.789	-1.3	91	0.02
80	T	1,3,5-Trimethylbenzene	3.229	3.436	-6.4	93	0.02
81	T	trans-1,4-Dichloro-2-butene	0.239	0.185	22.6	72	0.02
82	T	4-Chlorotoluene	2.812	2.875	-2.2	92	0.02
83	T	tert-Butylbenzene	2.844	2.972	-4.5	93	0.01
84	T	1,2,4-Trimethylbenzene	3.180	3.325	-4.6	92	0.01
85	T	sec-Butylbenzene	4.214	4.420	-4.9	93	0.01
86	T	p-Isopropyltoluene	3.478	3.680	-5.8	92	0.01
87	T	1,3-Dichlorobenzene	1.763	1.706	3.2	88	0.02
88	T	1,4-Dichlorobenzene	1.724	1.667	3.3	89	0.02
89	T	n-Butylbenzene	3.344	3.576	-6.9	93	0.02
90	T	Hexachloroethane	0.747	0.733	1.9	90	0.01
91	T	1,2-Dichlorobenzene	1.524	1.423	6.6	86	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.074	28.8#	69	0.01
93	T	1,2,4-Trichlorobenzene	0.757	0.733	3.2	84	0.01
94	T	Hexachlorobutadiene	0.474	0.470	0.8	90	0.01
95	T	Naphthalene	1.345	1.215	9.7	76	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.591	7.9	80	0.02

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