Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
Data File : VY017542.D
Acq On : 01 Mar 2024 09:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 02 00:13:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 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	0.00
2	T	Dichlorodifluoromethane	0.369	0.378	-2.4	95	0.01
3	P	Chloromethane	0.674	0.620	8.0	85	0.01
4	C	Vinyl Chloride	0.865	0.832	3.8#	87	0.01
5	T	Bromomethane	0.705	0.641	9.1	85	0.02
6	T	Chloroethane	0.545	0.541	0.7	88	0.01
7	T	Trichlorofluoromethane	0.881	0.891	-1.1	91	0.01
8	T	Diethyl Ether	0.258	0.249	3.5	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.507	0.551	-8.7	97	0.02
10	T	Methyl Iodide	0.569	0.669	-17.6	97	0.01
11	T	Tert butyl alcohol	0.040	0.024	40.0#	59	0.00
12	CM	1,1-Dichloroethene	0.472	0.528	-11.9#	99	0.02
13	T	Acrolein	0.053	0.034	35.8#	58	0.01
14	T	Allyl chloride	0.571	0.615	-7.7	92	0.00
15	T	Acrylonitrile	0.106	0.093	12.3	73	0.00
16	T	Acetone	0.092	0.101	-9.8	96	0.00
17	T	Carbon Disulfide	1.418	1.655	-16.7	103	0.01
18	T	Methyl Acetate	0.223	0.198	11.2	72	0.00
19	T	Methyl tert-butyl Ether	1.101	1.029	6.5	78	0.00
20	T	Methylene Chloride	0.658	0.610	7.3	95	0.01
21	T	trans-1,2-Dichloroethene	0.553	0.617	-11.6	97	0.02
22	T	Diisopropyl ether	1.317	1.378	-4.6	87	0.00
23	T	Vinyl Acetate	0.785	0.755	3.8	79	0.01
24	P	1,1-Dichloroethane	0.900	0.960	-6.7	93	0.01
25	T	2-Butanone	0.131	0.129	1.5	82	0.01
26	T	2,2-Dichloropropane	0.756	0.819	-8.3	96	0.01
27	T	cis-1,2-Dichloroethene	0.621	0.668	-7.6	92	0.00
28	T	Bromochloromethane	0.354	0.388	-9.6	114	0.00
29	T	Tetrahydrofuran	0.079	0.070	11.4	71	0.00
30	C	Chloroform	0.958	1.014	-5.8#	93	0.00
31	T	Cyclohexane	0.771	0.840	-8.9	98	0.00
32	T	1,1,1-Trichloroethane	0.832	0.903	-8.5	96	0.01
33	S	1,2-Dichloroethane-d4	0.474	0.458	3.4	88	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.01
35	S	Dibromofluoromethane	0.348	0.383	-10.1	97	0.01
36	T	1,1-Dichloropropene	0.470	0.539	-14.7	96	0.01
37	T	Ethyl Acetate	0.186	0.165	11.3	73	0.01
38	T	Carbon Tetrachloride	0.471	0.545	-15.7	96	0.00
39	T	Methylcyclohexane	0.565	0.676	-19.6	97	0.01
40	TM	Benzene	1.396	1.556	-11.5	93	0.01
41	T	Methacrylonitrile	0.093	0.085	8.6	70	0.00
42	TM	1,2-Dichloroethane	0.341	0.340	0.3	82	0.00
43	T	Isopropyl Acetate	0.326	0.303	7.1	74	0.00
44	TM	Trichloroethene	0.402	0.443	-10.2	93	0.01
45	C	1,2-Dichloropropane	0.332	0.356	-7.2#	89	0.00
46	T	Dibromomethane	0.190	0.190	0.0	83	0.01
47	T	Bromodichloromethane	0.462	0.489	-5.8	87	0.00
48	T	Methyl methacrylate	0.151	0.143	5.3	74	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	64	0.00
50	S	Toluene-d8	1.218	1.450	-19.0	100	0.00
51	T	4-Methyl-2-Pentanone	0.182	0.164	9.9	72	0.00
52	CM	Toluene	0.880	1.000	-13.6#	94	0.01
53	T	t-1,3-Dichloropropene	0.428	0.438	-2.3	82	0.00
54	T	cis-1,3-Dichloropropene	0.521	0.545	-4.6	86	0.00
55	T	1,1,2-Trichloroethane	0.270	0.262	3.0	81	0.00
56	T	Ethyl methacrylate	0.303	0.294	3.0	73	0.00
57	T	1,3-Dichloropropane	0.439	0.429	2.3	80	0.00
58	T	2-Chloroethyl Vinyl ether	0.156	0.176	-12.8	106	0.00
59	T	2-Hexanone	0.125	0.127	-1.6	78	0.00
60	T	Dibromochloromethane	0.319	0.323	-1.3	82	0.00
61	T	1,2-Dibromoethane	0.249	0.242	2.8	79	0.00
62	S	4-Bromofluorobenzene	0.383	0.428	-11.7	92	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.480	0.500	-4.2	85	0.01
65	PM	Chlorobenzene	1.061	1.210	-14.0	91	0.01
66	T	1,1,1,2-Tetrachloroethane	0.398	0.441	-10.8	88	0.01
67	C	Ethyl Benzene	1.861	2.223	-19.5#	93	0.00
68	T	m/p-Xylenes	0.731	0.877	-20.0	93	0.00
69	T	o-Xylene	0.679	0.798	-17.5	89	0.01
70	T	Styrene	1.126	1.317	-17.0	88	0.00
71	P	Bromoform	0.220	0.224	-1.8	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.01
73	T	Isopropylbenzene	3.715	4.558	-22.7	92	0.01
74	T	N-amyl acetate	0.655	0.632	3.5	69	0.00
75	P	1,1,2,2-Tetrachloroethane	0.638	0.679	-6.4	79	0.00
76	T	1,2,3-Trichloropropane	0.475	0.481	-1.3	79	0.01
77	T	Bromobenzene	0.900	1.004	-11.6	86	0.01
78	T	n-propylbenzene	4.457	5.429	-21.8	91	0.01
79	T	2-Chlorotoluene	2.495	2.902	-16.3	89	0.01
80	T	1,3,5-Trimethylbenzene	2.976	3.578	-20.2	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.207	0.201	2.9	72	0.00
82	T	4-Chlorotoluene	2.552	2.924	-14.6	88	0.01
83	T	tert-Butylbenzene	2.613	3.172	-21.4	90	0.00
84	T	1,2,4-Trimethylbenzene	2.938	3.484	-18.6	88	0.01
85	T	sec-Butylbenzene	3.996	4.829	-20.8	89	0.00
86	T	p-Isopropyltoluene	3.271	3.963	-21.2	89	0.00
87	T	1,3-Dichlorobenzene	1.806	2.010	-11.3	85	0.00
88	T	1,4-Dichlorobenzene	1.755	1.917	-9.2	83	0.00
89	T	n-Butylbenzene	2.984	3.550	-19.0	86	0.00
90	T	Hexachloroethane	0.656	0.753	-14.8	88	0.01
91	T	1,2-Dichlorobenzene	1.527	1.666	-9.1	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.078	13.3	67	0.00
93	T	1,2,4-Trichlorobenzene	0.807	0.815	-1.0	73	0.00
94	T	Hexachlorobutadiene	0.498	0.533	-7.0	83	0.00
95	T	Naphthalene	1.379	1.241	10.0	62	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.692	0.660	4.6	69	0.01

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