Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
Data File : VY017719.D
Acq On : 20 Mar 2024 09:01
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 21 03:10:33 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	88	0.01
2	T	Dichlorodifluoromethane	0.369	0.339	8.1	83	0.01
3	P	Chloromethane	0.674	0.610	9.5	81	0.02
4	C	Vinyl Chloride	0.865	0.816	5.7#	83	0.01
5	T	Bromomethane	0.705	0.662	6.1	85	0.02
6	T	Chloroethane	0.545	0.558	-2.4	88	0.02
7	T	Trichlorofluoromethane	0.881	0.770	12.6	77	0.02
8	T	Diethyl Ether	0.258	0.235	8.9	75	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.507	0.498	1.8	85	0.02
10	T	Methyl Iodide	0.569	0.592	-4.0	83	0.02
11	T	Tert butyl alcohol	0.040	0.025	37.5#	59	0.01
12	CM	1,1-Dichloroethene	0.472	0.472	0.0	86	0.03
13	T	Acrolein	0.053	0.026	50.9#	43#	0.02
14	T	Allyl chloride	0.571	0.595	-4.2	87	0.02
15	T	Acrylonitrile	0.106	0.092	13.2	70	0.02
16	T	Acetone	0.092	0.103	-12.0	94	0.02
17	T	Carbon Disulfide	1.418	1.454	-2.5	88	0.02
18	T	Methyl Acetate	0.223	0.208	6.7	74	0.02
19	T	Methyl tert-butyl Ether	1.101	1.013	8.0	74	0.02
20	T	Methylene Chloride	0.658	0.544	17.3	82	0.03
21	T	trans-1,2-Dichloroethene	0.553	0.566	-2.4	86	0.02
22	T	Diisopropyl ether	1.317	1.363	-3.5	84	0.01
23	T	Vinyl Acetate	0.785	0.758	3.4	77	0.02
24	P	1,1-Dichloroethane	0.900	0.932	-3.6	88	0.02
25	T	2-Butanone	0.131	0.131	0.0	81	0.02
26	T	2,2-Dichloropropane	0.756	0.799	-5.7	91	0.02
27	T	cis-1,2-Dichloroethene	0.621	0.633	-1.9	85	0.01
28	T	Bromochloromethane	0.354	0.396	-11.9	113	0.02
29	T	Tetrahydrofuran	0.079	0.067	15.2	67	0.02
30	C	Chloroform	0.958	0.978	-2.1#	87	0.02
31	T	Cyclohexane	0.771	0.792	-2.7	90	0.02
32	T	1,1,1-Trichloroethane	0.832	0.842	-1.2	86	0.02
33	S	1,2-Dichloroethane-d4	0.474	0.350	26.2#	65	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.02
35	S	Dibromofluoromethane	0.348	0.263	24.4	68	0.02
36	T	1,1-Dichloropropene	0.470	0.486	-3.4	88	0.02
37	T	Ethyl Acetate	0.186	0.152	18.3	69	0.02
38	T	Carbon Tetrachloride	0.471	0.481	-2.1	86	0.02
39	T	Methylcyclohexane	0.565	0.600	-6.2	88	0.02
40	TM	Benzene	1.396	1.423	-1.9	86	0.02
41	T	Methacrylonitrile	0.093	0.089	4.3	75	0.00
42	TM	1,2-Dichloroethane	0.341	0.327	4.1	80	0.02
43	T	Isopropyl Acetate	0.326	0.284	12.9	70	0.01
44	TM	Trichloroethene	0.402	0.391	2.7	84	0.02
45	C	1,2-Dichloropropane	0.332	0.336	-1.2#	86	0.01
46	T	Dibromomethane	0.190	0.178	6.3	79	0.01
47	T	Bromodichloromethane	0.462	0.459	0.6	83	0.01
48	T	Methyl methacrylate	0.151	0.137	9.3	72	0.01

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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	64	0.02
50	S	Toluene-d8	1.218	0.987	19.0	69	0.01
51	T	4-Methyl-2-Pentanone	0.182	0.157	13.7	70	0.01
52	CM	Toluene	0.880	0.900	-2.3#	86	0.01
53	T	t-1,3-Dichloropropene	0.428	0.418	2.3	79	0.01
54	T	cis-1,3-Dichloropropene	0.521	0.522	-0.2	84	0.01
55	T	1,1,2-Trichloroethane	0.270	0.248	8.1	78	0.01
56	T	Ethyl methacrylate	0.303	0.276	8.9	70	0.01
57	T	1,3-Dichloropropane	0.439	0.408	7.1	77	0.01
58	T	2-Chloroethyl Vinyl ether	0.156	0.174	-11.5	107	0.01
59	T	2-Hexanone	0.125	0.122	2.4	76	0.01
60	T	Dibromochloromethane	0.319	0.303	5.0	78	0.01
61	T	1,2-Dibromoethane	0.249	0.228	8.4	76	0.01
62	S	4-Bromofluorobenzene	0.383	0.305	20.4	67	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.01
64	T	Tetrachloroethene	0.480	0.450	6.2	80	0.01
65	PM	Chlorobenzene	1.061	1.066	-0.5	84	0.01
66	T	1,1,1,2-Tetrachloroethane	0.398	0.392	1.5	82	0.01
67	C	Ethyl Benzene	1.861	1.967	-5.7#	86	0.01
68	T	m/p-Xylenes	0.731	0.774	-5.9	85	0.00
69	T	o-Xylene	0.679	0.718	-5.7	84	0.01
70	T	Styrene	1.126	1.163	-3.3	81	0.00
71	P	Bromoform	0.220	0.196	10.9	72	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.01
73	T	Isopropylbenzene	3.715	4.038	-8.7	85	0.01
74	T	N-amyl acetate	0.655	0.593	9.5	67	0.01
75	P	1,1,2,2-Tetrachloroethane	0.638	0.611	4.2	74	0.01
76	T	1,2,3-Trichloropropane	0.475	0.380	20.0	65	0.01
77	T	Bromobenzene	0.900	0.885	1.7	78	0.01
78	T	n-propylbenzene	4.457	4.899	-9.9	85	0.01
79	T	2-Chlorotoluene	2.495	2.630	-5.4	83	0.01
80	T	1,3,5-Trimethylbenzene	2.976	3.208	-7.8	83	0.00
81	T	trans-1,4-Dichloro-2-butene	0.207	0.191	7.7	71	0.00
82	T	4-Chlorotoluene	2.552	2.648	-3.8	82	0.01
83	T	tert-Butylbenzene	2.613	2.883	-10.3	85	0.00
84	T	1,2,4-Trimethylbenzene	2.938	3.153	-7.3	83	0.01
85	T	sec-Butylbenzene	3.996	4.330	-8.4	83	0.01
86	T	p-Isopropyltoluene	3.271	3.557	-8.7	83	0.01
87	T	1,3-Dichlorobenzene	1.806	1.794	0.7	79	0.00
88	T	1,4-Dichlorobenzene	1.755	1.719	2.1	77	0.00
89	T	n-Butylbenzene	2.984	3.266	-9.5	82	0.00
90	T	Hexachloroethane	0.656	0.676	-3.0	82	0.01
91	T	1,2-Dichlorobenzene	1.527	1.498	1.9	76	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.071	21.1	63	0.00
93	T	1,2,4-Trichlorobenzene	0.807	0.746	7.6	69	0.00
94	T	Hexachlorobutadiene	0.498	0.469	5.8	76	0.00
95	T	Naphthalene	1.379	1.159	16.0	60	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.692	0.613	11.4	66	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 5