Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
Data File : VY021226.D
Acq On : 18 Feb 2025 10:04
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: Feb 19 04:11:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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	87	0.00
2	T	Dichlorodifluoromethane	0.446	0.394	11.7	77	0.00
3	P	Chloromethane	0.440	0.431	2.0	89	0.00
4	C	Vinyl Chloride	0.443	0.444	-0.2#	91	0.00
5	T	Bromomethane	0.274	0.250	8.8	84	0.00
6	T	Chloroethane	0.263	0.271	-3.0	93	0.00
7	T	Trichlorofluoromethane	0.806	0.759	5.8	83	0.00
8	T	Diethyl Ether	0.252	0.255	-1.2	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.470	7.1	83	0.00
10	T	Methyl Iodide	0.562	0.519	7.7	77	0.00
11	T	Tert butyl alcohol	0.035	0.037	-5.7	100	0.04
12	CM	1,1-Dichloroethene	0.477	0.437	8.4#	81	0.00
13	T	Acrolein	0.053	0.039	26.4#	65	0.01
14	T	Allyl chloride	0.803	0.793	1.2	86	0.00
15	T	Acrylonitrile	0.105	0.121	-15.2	99	0.02
16	T	Acetone	0.080	0.095	-18.8	106	0.01
17	T	Carbon Disulfide	1.495	1.275	14.7	75	0.00
18	T	Methyl Acetate	0.280	0.346	-23.6	104	0.00
19	T	Methyl tert-butyl Ether	1.205	1.317	-9.3	94	0.02
20	T	Methylene Chloride	0.497	0.485	2.4	87	0.01
21	T	trans-1,2-Dichloroethene	0.525	0.485	7.6	81	0.01
22	T	Diisopropyl ether	1.656	1.746	-5.4	91	0.01
23	T	Vinyl Acetate	0.923	1.030	-11.6	94	0.00
24	P	1,1-Dichloroethane	0.970	0.947	2.4	87	0.01
25	T	2-Butanone	0.131	0.156	-19.1	100	0.01
26	T	2,2-Dichloropropane	0.898	0.867	3.5	87	0.01
27	T	cis-1,2-Dichloroethene	0.604	0.587	2.8	85	0.01
28	T	Bromochloromethane	0.384	0.425	-10.7	89	0.00
29	T	Tetrahydrofuran	0.089	0.107	-20.2	101	0.02
30	C	Chloroform	0.997	0.981	1.6#	87	0.00
31	T	Cyclohexane	0.874	0.784	10.3	82	0.00
32	T	1,1,1-Trichloroethane	0.927	0.898	3.1	86	0.00
33	S	1,2-Dichloroethane-d4	0.512	0.561	-9.6	97	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.320	0.329	-2.8	92	0.00
36	T	1,1-Dichloropropene	0.475	0.443	6.7	84	0.00
37	T	Ethyl Acetate	0.208	0.243	-16.8	101	0.01
38	T	Carbon Tetrachloride	0.555	0.521	6.1	83	0.00
39	T	Methylcyclohexane	0.581	0.546	6.0	81	0.00
40	TM	Benzene	1.393	1.337	4.0	85	0.00
41	T	Methacrylonitrile	0.120	0.137	-14.2	108	0.01
42	TM	1,2-Dichloroethane	0.386	0.398	-3.1	92	0.00
43	T	Isopropyl Acetate	0.414	0.481	-16.2	100	0.00
44	TM	Trichloroethene	0.360	0.332	7.8	83	0.00
45	C	1,2-Dichloropropane	0.331	0.331	0.0	89	0.00
46	T	Dibromomethane	0.183	0.186	-1.6	90	0.00
47	T	Bromodichloromethane	0.491	0.493	-0.4	89	0.00
48	T	Methyl methacrylate	0.188	0.229	-21.8	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	99	0.01
50	S	Toluene-d8	1.220	1.235	-1.2	90	0.00
51	T	4-Methyl-2-Pentanone	0.208	0.253	-21.6	103	0.00
52	CM	Toluene	0.875	0.849	3.0#	85	0.00
53	T	t-1,3-Dichloropropene	0.441	0.468	-6.1	91	0.00
54	T	cis-1,3-Dichloropropene	0.522	0.534	-2.3	89	0.00
55	T	1,1,2-Trichloroethane	0.237	0.242	-2.1	90	0.00
56	T	Ethyl methacrylate	0.317	0.363	-14.5	94	0.00
57	T	1,3-Dichloropropane	0.410	0.430	-4.9	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.151	0.171	-13.2	95	0.00
59	T	2-Hexanone	0.134	0.171	-27.6#	104	0.00
60	T	Dibromochloromethane	0.333	0.346	-3.9	92	0.00
61	T	1,2-Dibromoethane	0.222	0.231	-4.1	90	0.00
62	S	4-Bromofluorobenzene	0.399	0.428	-7.3	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.371	0.335	9.7	81	0.00
65	PM	Chlorobenzene	1.113	1.056	5.1	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.396	0.385	2.8	88	0.00
67	C	Ethyl Benzene	1.969	1.907	3.1#	85	0.00
68	T	m/p-Xylenes	0.737	0.708	3.9	84	0.00
69	T	o-Xylene	0.687	0.668	2.8	85	0.00
70	T	Styrene	1.145	1.142	0.3	86	0.00
71	P	Bromoform	0.220	0.234	-6.4	94	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.906	3.632	7.0	85	0.00
74	T	N-amyl acetate	0.854	1.013	-18.6	102	0.00
75	P	1,1,2,2-Tetrachloroethane	0.650	0.694	-6.8	98	0.00
76	T	1,2,3-Trichloropropane	0.454	0.467	-2.9	90	0.00
77	T	Bromobenzene	0.901	0.842	6.5	87	0.00
78	T	n-propylbenzene	4.653	4.407	5.3	86	0.00
79	T	2-Chlorotoluene	2.665	2.501	6.2	86	0.00
80	T	1,3,5-Trimethylbenzene	3.167	3.015	4.8	86	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.243	-9.5	97	0.00
82	T	4-Chlorotoluene	2.715	2.566	5.5	87	0.00
83	T	tert-Butylbenzene	2.878	2.663	7.5	83	0.00
84	T	1,2,4-Trimethylbenzene	3.096	2.957	4.5	86	0.00
85	T	sec-Butylbenzene	4.143	3.934	5.0	87	0.00
86	T	p-Isopropyltoluene	3.442	3.272	4.9	85	0.00
87	T	1,3-Dichlorobenzene	1.740	1.637	5.9	87	0.00
88	T	1,4-Dichlorobenzene	1.714	1.617	5.7	86	0.00
89	T	n-Butylbenzene	3.140	3.114	0.8	88	0.00
90	T	Hexachloroethane	0.718	0.667	7.1	85	0.00
91	T	1,2-Dichlorobenzene	1.510	1.466	2.9	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.097	0.112	-15.5	103	0.00
93	T	1,2,4-Trichlorobenzene	0.841	0.923	-9.8	94	0.00
94	T	Hexachlorobutadiene	0.557	0.569	-2.2	91	0.00
95	T	Naphthalene	1.345	1.687	-25.4#	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.803	-14.7	98	0.00

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