Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
Data File : VY021806.D
Acq On : 09 Apr 2025 09:18
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: Apr 10 01:37:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	88	0.01
2	T	Dichlorodifluoromethane	0.518	0.461	11.0	80	0.00
3	P	Chloromethane	0.729	0.632	13.3	80	0.00
4	C	Vinyl Chloride	0.824	0.730	11.4#	80	0.01
5	T	Bromomethane	0.562	0.471	16.2	81	0.01
6	T	Chloroethane	0.539	0.497	7.8	85	0.01
7	T	Trichlorofluoromethane	1.056	0.990	6.3	86	0.01
8	T	Diethyl Ether	0.287	0.248	13.6	79	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.558	-0.2	91	0.01
10	T	Methyl Iodide	0.611	0.680	-11.3	91	0.01
11	T	Tert butyl alcohol	0.035	0.025	28.6#	65	0.03
12	CM	1,1-Dichloroethene	0.524	0.489	6.7#	83	0.01
13	T	Acrolein	0.064	0.016	75.0#	22#	0.02
14	T	Allyl chloride	0.836	0.759	9.2	80	0.01
15	T	Acrylonitrile	0.120	0.109	9.2	79	0.01
16	T	Acetone	0.111	0.103	7.2	84	0.01
17	T	Carbon Disulfide	1.727	1.628	5.7	84	0.01
18	T	Methyl Acetate	0.275	0.293	-6.5	97	0.01
19	T	Methyl tert-butyl Ether	1.306	1.186	9.2	79	0.01
20	T	Methylene Chloride	0.626	0.564	9.9	88	0.02
21	T	trans-1,2-Dichloroethene	0.577	0.561	2.8	87	0.01
22	T	Diisopropyl ether	1.754	1.740	0.8	85	0.01
23	T	Vinyl Acetate	1.026	0.922	10.1	76	0.01
24	P	1,1-Dichloroethane	1.049	1.014	3.3	86	0.01
25	T	2-Butanone	0.158	0.143	9.5	79	0.00
26	T	2,2-Dichloropropane	0.933	0.909	2.6	87	0.01
27	T	cis-1,2-Dichloroethene	0.649	0.622	4.2	84	0.01
28	T	Bromochloromethane	0.442	0.438	0.9	90	0.01
29	T	Tetrahydrofuran	0.102	0.090	11.8	75	0.01
30	C	Chloroform	1.091	1.084	0.6#	88	0.00
31	T	Cyclohexane	0.956	0.879	8.1	84	0.01
32	T	1,1,1-Trichloroethane	0.986	0.964	2.2	87	0.01
33	S	1,2-Dichloroethane-d4	0.542	0.523	3.5	84	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.324	0.355	-9.6	84	0.00
36	T	1,1-Dichloropropene	0.494	0.548	-10.9	88	0.01
37	T	Ethyl Acetate	0.233	0.223	4.3	76	0.00
38	T	Carbon Tetrachloride	0.566	0.622	-9.9	88	0.00
39	T	Methylcyclohexane	0.590	0.637	-8.0	83	0.00
40	TM	Benzene	1.479	1.621	-9.6	87	0.01
41	T	Methacrylonitrile	0.124	0.136	-9.7	80	0.01
42	TM	1,2-Dichloroethane	0.417	0.447	-7.2	85	0.00
43	T	Isopropyl Acetate	0.442	0.424	4.1	75	0.01
44	TM	Trichloroethene	0.377	0.418	-10.9	90	0.00
45	C	1,2-Dichloropropane	0.350	0.380	-8.6#	86	0.00
46	T	Dibromomethane	0.202	0.221	-9.4	89	0.00
47	T	Bromodichloromethane	0.523	0.577	-10.3	88	0.01
48	T	Methyl methacrylate	0.203	0.213	-4.9	81	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	78	0.01
50	S	Toluene-d8	1.234	1.373	-11.3	84	0.00
51	T	4-Methyl-2-Pentanone	0.230	0.242	-5.2	80	0.00
52	CM	Toluene	0.923	1.055	-14.3#	89	0.00
53	T	t-1,3-Dichloropropene	0.465	0.477	-2.6	79	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.575	-4.9	82	0.01
55	T	1,1,2-Trichloroethane	0.260	0.283	-8.8	87	0.00
56	T	Ethyl methacrylate	0.332	0.356	-7.2	78	0.00
57	T	1,3-Dichloropropane	0.449	0.484	-7.8	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.162	0.183	-13.0	82	0.00
59	T	2-Hexanone	0.153	0.165	-7.8	81	0.00
60	T	Dibromochloromethane	0.355	0.397	-11.8	87	0.01
61	T	1,2-Dibromoethane	0.244	0.263	-7.8	83	0.00
62	S	4-Bromofluorobenzene	0.417	0.456	-9.4	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.455	0.543	-19.3	101	0.01
65	PM	Chlorobenzene	1.146	1.202	-4.9	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.407	0.432	-6.1	88	0.00
67	C	Ethyl Benzene	1.965	2.153	-9.6#	88	0.00
68	T	m/p-Xylenes	0.753	0.836	-11.0	89	0.00
69	T	o-Xylene	0.695	0.765	-10.1	87	0.00
70	T	Styrene	1.158	1.301	-12.3	88	0.00
71	P	Bromoform	0.232	0.242	-4.3	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.714	3.865	-4.1	88	0.00
74	T	N-amyl acetate	0.872	0.796	8.7	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.668	0.619	7.3	82	0.00
76	T	1,2,3-Trichloropropane	0.496	0.507	-2.2	88	0.01
77	T	Bromobenzene	0.892	0.900	-0.9	88	0.01
78	T	n-propylbenzene	4.465	4.783	-7.1	90	0.00
79	T	2-Chlorotoluene	2.593	2.698	-4.0	88	0.00
80	T	1,3,5-Trimethylbenzene	3.035	3.241	-6.8	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.215	0.187	13.0	73	0.00
82	T	4-Chlorotoluene	2.704	2.830	-4.7	89	0.00
83	T	tert-Butylbenzene	2.703	2.785	-3.0	87	0.00
84	T	1,2,4-Trimethylbenzene	3.000	3.238	-7.9	90	0.01
85	T	sec-Butylbenzene	3.951	4.193	-6.1	89	0.00
86	T	p-Isopropyltoluene	3.265	3.564	-9.2	90	0.00
87	T	1,3-Dichlorobenzene	1.757	1.845	-5.0	92	0.01
88	T	1,4-Dichlorobenzene	1.736	1.794	-3.3	89	0.01
89	T	n-Butylbenzene	3.020	3.192	-5.7	87	0.01
90	T	Hexachloroethane	0.716	0.698	2.5	86	0.01
91	T	1,2-Dichlorobenzene	1.529	1.606	-5.0	91	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.094	8.7	80	0.01
93	T	1,2,4-Trichlorobenzene	0.829	0.842	-1.6	83	0.01
94	T	Hexachlorobutadiene	0.518	0.545	-5.2	90	0.01
95	T	Naphthalene	1.375	1.348	2.0	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.715	-1.1	83	0.01

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