Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021863.D
Acq On : 11 Apr 2025 16:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 12 05:23:55 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	105	0.00
2	T	Dichlorodifluoromethane	0.518	0.492	5.0	102	0.00
3	P	Chloromethane	0.729	0.644	11.7	97	0.00
4	C	Vinyl Chloride	0.824	0.743	9.8#	97	0.00
5	T	Bromomethane	0.562	0.491	12.6	100	0.00
6	T	Chloroethane	0.539	0.496	8.0	101	0.00
7	T	Trichlorofluoromethane	1.056	1.031	2.4	106	0.00
8	T	Diethyl Ether	0.287	0.284	1.0	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.568	-2.0	111	0.00
10	T	Methyl Iodide	0.611	0.701	-14.7	112	0.00
11	T	Tert butyl alcohol	0.035	0.033	5.7	101	0.00
12	CM	1,1-Dichloroethene	0.524	0.526	-0.4#	107	0.00
13	T	Acrolein	0.064	0.016	75.0#	26#	0.00
14	T	Allyl chloride	0.836	0.824	1.4	103	0.00
15	T	Acrylonitrile	0.120	0.122	-1.7	105	0.00
16	T	Acetone	0.111	0.090	18.9	87	0.00
17	T	Carbon Disulfide	1.727	1.597	7.5	98	0.00
18	T	Methyl Acetate	0.275	0.360	-30.9#	142	0.00
19	T	Methyl tert-butyl Ether	1.306	1.377	-5.4	109	0.00
20	T	Methylene Chloride	0.626	0.594	5.1	110	0.00
21	T	trans-1,2-Dichloroethene	0.577	0.585	-1.4	108	0.00
22	T	Diisopropyl ether	1.754	1.820	-3.8	106	0.00
23	T	Vinyl Acetate	1.026	0.993	3.2	97	0.00
24	P	1,1-Dichloroethane	1.049	1.062	-1.2	107	0.00
25	T	2-Butanone	0.158	0.151	4.4	99	0.00
26	T	2,2-Dichloropropane	0.933	0.917	1.7	104	0.00
27	T	cis-1,2-Dichloroethene	0.649	0.684	-5.4	110	0.00
28	T	Bromochloromethane	0.442	0.445	-0.7	109	0.00
29	T	Tetrahydrofuran	0.102	0.101	1.0	100	0.00
30	C	Chloroform	1.091	1.122	-2.8#	108	0.00
31	T	Cyclohexane	0.956	0.909	4.9	104	0.00
32	T	1,1,1-Trichloroethane	0.986	1.013	-2.7	109	0.00
33	S	1,2-Dichloroethane-d4	0.542	0.514	5.2	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.324	0.326	-0.6	100	0.00
36	T	1,1-Dichloropropene	0.494	0.510	-3.2	105	0.00
37	T	Ethyl Acetate	0.233	0.230	1.3	101	0.00
38	T	Carbon Tetrachloride	0.566	0.600	-6.0	110	0.00
39	T	Methylcyclohexane	0.590	0.617	-4.6	103	0.00
40	TM	Benzene	1.479	1.554	-5.1	108	0.00
41	T	Methacrylonitrile	0.124	0.118	4.8	89	0.00
42	TM	1,2-Dichloroethane	0.417	0.432	-3.6	107	0.00
43	T	Isopropyl Acetate	0.442	0.448	-1.4	103	0.00
44	TM	Trichloroethene	0.377	0.407	-8.0	113	0.00
45	C	1,2-Dichloropropane	0.350	0.372	-6.3#	109	0.00
46	T	Dibromomethane	0.202	0.216	-6.9	113	0.00
47	T	Bromodichloromethane	0.523	0.560	-7.1	110	0.00
48	T	Methyl methacrylate	0.203	0.214	-5.4	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	108	0.00
50	S	Toluene-d8	1.234	1.225	0.7	97	0.00
51	T	4-Methyl-2-Pentanone	0.230	0.246	-7.0	106	0.00
52	CM	Toluene	0.923	1.000	-8.3#	109	0.00
53	T	t-1,3-Dichloropropene	0.465	0.492	-5.8	105	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.572	-4.4	105	0.00
55	T	1,1,2-Trichloroethane	0.260	0.285	-9.6	113	0.00
56	T	Ethyl methacrylate	0.332	0.381	-14.8	108	0.00
57	T	1,3-Dichloropropane	0.449	0.482	-7.3	109	0.00
58	T	2-Chloroethyl Vinyl ether	0.162	0.175	-8.0	101	0.00
59	T	2-Hexanone	0.153	0.165	-7.8	105	0.00
60	T	Dibromochloromethane	0.355	0.389	-9.6	111	0.00
61	T	1,2-Dibromoethane	0.244	0.263	-7.8	108	0.00
62	S	4-Bromofluorobenzene	0.417	0.431	-3.4	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.455	0.502	-10.3	119	0.00
65	PM	Chlorobenzene	1.146	1.195	-4.3	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.407	0.429	-5.4	111	0.00
67	C	Ethyl Benzene	1.965	2.083	-6.0#	108	0.00
68	T	m/p-Xylenes	0.753	0.813	-8.0	110	0.00
69	T	o-Xylene	0.695	0.751	-8.1	108	0.00
70	T	Styrene	1.158	1.293	-11.7	112	0.00
71	P	Bromoform	0.232	0.248	-6.9	111	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.714	3.836	-3.3	110	0.00
74	T	N-amyl acetate	0.872	0.875	-0.3	104	0.00
75	P	1,1,2,2-Tetrachloroethane	0.668	0.629	5.8	105	0.00
76	T	1,2,3-Trichloropropane	0.496	0.508	-2.4	112	0.00
77	T	Bromobenzene	0.892	0.911	-2.1	112	0.00
78	T	n-propylbenzene	4.465	4.621	-3.5	110	0.00
79	T	2-Chlorotoluene	2.593	2.639	-1.8	109	0.00
80	T	1,3,5-Trimethylbenzene	3.035	3.166	-4.3	110	0.00
81	T	trans-1,4-Dichloro-2-butene	0.215	0.201	6.5	99	0.00
82	T	4-Chlorotoluene	2.704	2.756	-1.9	109	0.00
83	T	tert-Butylbenzene	2.703	2.808	-3.9	110	0.00
84	T	1,2,4-Trimethylbenzene	3.000	3.201	-6.7	112	0.00
85	T	sec-Butylbenzene	3.951	4.121	-4.3	110	0.00
86	T	p-Isopropyltoluene	3.265	3.473	-6.4	111	0.00
87	T	1,3-Dichlorobenzene	1.757	1.815	-3.3	114	0.00
88	T	1,4-Dichlorobenzene	1.736	1.766	-1.7	111	0.00
89	T	n-Butylbenzene	3.020	3.164	-4.8	109	0.00
90	T	Hexachloroethane	0.716	0.731	-2.1	113	0.00
91	T	1,2-Dichlorobenzene	1.529	1.601	-4.7	115	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.107	-3.9	115	0.00
93	T	1,2,4-Trichlorobenzene	0.829	0.950	-14.6	118	0.00
94	T	Hexachlorobutadiene	0.518	0.580	-12.0	121	0.00
95	T	Naphthalene	1.375	1.764	-28.3#	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.840	-18.8	123	0.00

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