Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021426.D
Acq On : 06 Mar 2025 10:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 07 00:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	97	0.00
2	T	Dichlorodifluoromethane	0.459	0.403	12.2	87	0.00
3	P	Chloromethane	0.647	0.644	0.5	101	0.00
4	C	Vinyl Chloride	0.707	0.731	-3.4#	103	0.00
5	T	Bromomethane	0.511	0.498	2.5	103	-0.01
6	T	Chloroethane	0.467	0.503	-7.7	106	0.00
7	T	Trichlorofluoromethane	0.987	0.975	1.2	98	-0.01
8	T	Diethyl Ether	0.273	0.282	-3.3	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.524	6.9	95	-0.02
10	T	Methyl Iodide	0.573	0.588	-2.6	90	0.00
11	T	Tert butyl alcohol	0.041	0.037	9.8	95	0.00
12	CM	1,1-Dichloroethene	0.514	0.484	5.8#	93	-0.01
13	T	Acrolein	0.027	0.006	77.8#	118	-0.01
14	T	Allyl chloride	0.830	0.819	1.3	94	-0.02
15	T	Acrylonitrile	0.116	0.127	-9.5	99	-0.01
16	T	Acetone	0.115	0.095	17.4	69	0.00
17	T	Carbon Disulfide	1.610	1.552	3.6	92	-0.01
18	T	Methyl Acetate	0.256	0.295	-15.2	101	0.00
19	T	Methyl tert-butyl Ether	1.302	1.385	-6.4	98	0.00
20	T	Methylene Chloride	0.605	0.568	6.1	100	0.00
21	T	trans-1,2-Dichloroethene	0.575	0.563	2.1	97	-0.02
22	T	Diisopropyl ether	1.789	1.886	-5.4	99	0.00
23	T	Vinyl Acetate	1.021	1.115	-9.2	97	-0.01
24	P	1,1-Dichloroethane	1.056	1.061	-0.5	98	-0.01
25	T	2-Butanone	0.159	0.160	-0.6	86	0.00
26	T	2,2-Dichloropropane	0.971	0.886	8.8	92	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.658	-0.8	98	0.00
28	T	Bromochloromethane	0.443	0.470	-6.1	98	0.00
29	T	Tetrahydrofuran	0.098	0.112	-14.3	98	-0.01
30	C	Chloroform	1.096	1.107	-1.0#	99	-0.01
31	T	Cyclohexane	0.990	0.888	10.3	92	0.00
32	T	1,1,1-Trichloroethane	1.004	0.973	3.1	97	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.564	-6.8	114	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.01
35	S	Dibromofluoromethane	0.329	0.349	-6.1	114	0.00
36	T	1,1-Dichloropropene	0.514	0.503	2.1	94	0.00
37	T	Ethyl Acetate	0.227	0.260	-14.5	101	0.00
38	T	Carbon Tetrachloride	0.592	0.577	2.5	95	0.00
39	T	Methylcyclohexane	0.631	0.612	3.0	91	0.00
40	TM	Benzene	1.515	1.544	-1.9	97	0.00
41	T	Methacrylonitrile	0.124	0.133	-7.3	98	0.00
42	TM	1,2-Dichloroethane	0.424	0.447	-5.4	99	-0.01
43	T	Isopropyl Acetate	0.441	0.492	-11.6	99	0.00
44	TM	Trichloroethene	0.383	0.378	1.3	96	0.00
45	C	1,2-Dichloropropane	0.361	0.373	-3.3#	98	0.00
46	T	Dibromomethane	0.201	0.221	-10.0	101	0.00
47	T	Bromodichloromethane	0.533	0.559	-4.9	99	0.00
48	T	Methyl methacrylate	0.203	0.226	-11.3	96	0.00

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49	T	1,4-Dioxane	0.002	0.003	-50.0#	108	0.00
50	S	Toluene-d8	1.244	1.310	-5.3	112	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.266	-16.7	98	0.00
52	CM	Toluene	0.955	0.975	-2.1#	95	0.00
53	T	t-1,3-Dichloropropene	0.470	0.512	-8.9	99	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.587	-5.4	97	0.00
55	T	1,1,2-Trichloroethane	0.263	0.285	-8.4	97	0.00
56	T	Ethyl methacrylate	0.335	0.388	-15.8	98	0.00
57	T	1,3-Dichloropropane	0.455	0.494	-8.6	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.187	-20.6	104	0.00
59	T	2-Hexanone	0.151	0.180	-19.2	96	0.00
60	T	Dibromochloromethane	0.360	0.391	-8.6	100	0.00
61	T	1,2-Dibromoethane	0.248	0.270	-8.9	100	0.00
62	S	4-Bromofluorobenzene	0.423	0.469	-10.9	117	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.407	0.384	5.7	95	0.00
65	PM	Chlorobenzene	1.181	1.160	1.8	98	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.416	0.2	99	0.00
67	C	Ethyl Benzene	2.072	2.064	0.4#	97	0.00
68	T	m/p-Xylenes	0.787	0.784	0.4	95	0.00
69	T	o-Xylene	0.725	0.733	-1.1	97	0.00
70	T	Styrene	1.203	1.259	-4.7	99	0.00
71	P	Bromoform	0.233	0.247	-6.0	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	3.939	3.682	6.5	95	0.00
74	T	N-amyl acetate	0.855	0.931	-8.9	102	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.694	0.1	99	0.00
76	T	1,2,3-Trichloropropane	0.504	0.513	-1.8	109	0.00
77	T	Bromobenzene	0.921	0.869	5.6	97	0.00
78	T	n-propylbenzene	4.783	4.514	5.6	96	0.00
79	T	2-Chlorotoluene	2.735	2.572	6.0	97	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.041	5.0	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.230	-3.6	100	0.00
82	T	4-Chlorotoluene	2.832	2.675	5.5	98	0.00
83	T	tert-Butylbenzene	2.855	2.719	4.8	97	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.062	3.7	97	0.00
85	T	sec-Butylbenzene	4.248	3.987	6.1	95	0.00
86	T	p-Isopropyltoluene	3.500	3.335	4.7	96	0.00
87	T	1,3-Dichlorobenzene	1.834	1.710	6.8	98	0.00
88	T	1,4-Dichlorobenzene	1.794	1.700	5.2	99	0.00
89	T	n-Butylbenzene	3.232	3.144	2.7	96	0.00
90	T	Hexachloroethane	0.747	0.686	8.2	98	0.00
91	T	1,2-Dichlorobenzene	1.572	1.520	3.3	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.106	-1.9	102	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.856	0.3	98	0.00
94	T	Hexachlorobutadiene	0.538	0.519	3.5	98	0.00
95	T	Naphthalene	1.390	1.511	-8.7	99	0.00

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96 T	1,2,3-Trichlorobenzene	0.722	0.742	-2.8	99	0.00

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