Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
Data File : VY021590.D
Acq On : 21 Mar 2025 11:04
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 21 23:09:24 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	0.392	14.6	85	0.00
3	P	Chloromethane	0.647	0.575	11.1	91	0.00
4	C	Vinyl Chloride	0.707	0.700	1.0#	99	0.00
5	T	Bromomethane	0.511	0.458	10.4	95	-0.01
6	T	Chloroethane	0.467	0.493	-5.6	104	0.00
7	T	Trichlorofluoromethane	0.987	0.975	1.2	98	-0.01
8	T	Diethyl Ether	0.273	0.255	6.6	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.533	5.3	96	-0.02
10	T	Methyl Iodide	0.573	0.587	-2.4	90	-0.01
11	T	Tert butyl alcohol	0.041	0.035	14.6	89	-0.01
12	CM	1,1-Dichloroethene	0.514	0.479	6.8#	92	-0.01
13	T	Acrolein	0.027	0.004	85.2#	86	-0.02
14	T	Allyl chloride	0.830	0.789	4.9	91	-0.01
15	T	Acrylonitrile	0.116	0.114	1.7	89	-0.01
16	T	Acetone	0.115	0.117	-1.7	84	-0.01
17	T	Carbon Disulfide	1.610	1.374	14.7	82	-0.01
18	T	Methyl Acetate	0.256	0.320	-25.0	110	-0.01
19	T	Methyl tert-butyl Ether	1.302	1.264	2.9	90	-0.01
20	T	Methylene Chloride	0.605	0.528	12.7	93	-0.01
21	T	trans-1,2-Dichloroethene	0.575	0.541	5.9	93	-0.02
22	T	Diisopropyl ether	1.789	1.738	2.9	91	0.00
23	T	Vinyl Acetate	1.021	0.955	6.5	84	-0.01
24	P	1,1-Dichloroethane	1.056	1.019	3.5	94	-0.01
25	T	2-Butanone	0.159	0.159	0.0	86	0.00
26	T	2,2-Dichloropropane	0.971	0.927	4.5	96	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.639	2.1	95	0.00
28	T	Bromochloromethane	0.443	0.445	-0.5	93	0.00
29	T	Tetrahydrofuran	0.098	0.096	2.0	84	-0.01
30	C	Chloroform	1.096	1.057	3.6#	95	0.00
31	T	Cyclohexane	0.990	0.862	12.9	89	0.00
32	T	1,1,1-Trichloroethane	1.004	0.972	3.2	97	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.547	-3.6	110	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.329	0.351	-6.7	117	0.00
36	T	1,1-Dichloropropene	0.514	0.480	6.6	91	0.00
37	T	Ethyl Acetate	0.227	0.214	5.7	85	0.00
38	T	Carbon Tetrachloride	0.592	0.570	3.7	96	0.00
39	T	Methylcyclohexane	0.631	0.590	6.5	89	0.00
40	TM	Benzene	1.515	1.445	4.6	92	0.00
41	T	Methacrylonitrile	0.124	0.141	-13.7	106	0.00
42	TM	1,2-Dichloroethane	0.424	0.398	6.1	90	0.00
43	T	Isopropyl Acetate	0.441	0.419	5.0	85	0.00
44	TM	Trichloroethene	0.383	0.378	1.3	97	0.00
45	C	1,2-Dichloropropane	0.361	0.350	3.0#	94	0.00
46	T	Dibromomethane	0.201	0.195	3.0	90	0.00
47	T	Bromodichloromethane	0.533	0.523	1.9	94	0.00
48	T	Methyl methacrylate	0.203	0.195	3.9	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	95	0.00
50	S	Toluene-d8	1.244	1.287	-3.5	111	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.227	0.4	85	0.00
52	CM	Toluene	0.955	0.938	1.8#	93	0.00
53	T	t-1,3-Dichloropropene	0.470	0.464	1.3	91	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.553	0.7	92	0.00
55	T	1,1,2-Trichloroethane	0.263	0.255	3.0	88	0.00
56	T	Ethyl methacrylate	0.335	0.340	-1.5	87	0.00
57	T	1,3-Dichloropropane	0.455	0.442	2.9	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.171	-10.3	96	0.00
59	T	2-Hexanone	0.151	0.154	-2.0	83	0.00
60	T	Dibromochloromethane	0.360	0.357	0.8	93	0.00
61	T	1,2-Dibromoethane	0.248	0.242	2.4	91	0.00
62	S	4-Bromofluorobenzene	0.423	0.443	-4.7	113	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.407	0.439	-7.9	105	0.00
65	PM	Chlorobenzene	1.181	1.143	3.2	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.410	1.7	94	0.00
67	C	Ethyl Benzene	2.072	2.061	0.5#	93	0.00
68	T	m/p-Xylenes	0.787	0.783	0.5	92	0.00
69	T	o-Xylene	0.725	0.733	-1.1	93	0.00
70	T	Styrene	1.203	1.244	-3.4	94	0.00
71	P	Bromoform	0.233	0.239	-2.6	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.939	3.849	2.3	94	0.00
74	T	N-amyl acetate	0.855	0.833	2.6	86	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.632	9.1	86	0.00
76	T	1,2,3-Trichloropropane	0.504	0.482	4.4	96	0.00
77	T	Bromobenzene	0.921	0.871	5.4	92	0.00
78	T	n-propylbenzene	4.783	4.648	2.8	93	0.00
79	T	2-Chlorotoluene	2.735	2.587	5.4	93	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.158	1.3	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.207	6.8	85	0.00
82	T	4-Chlorotoluene	2.832	2.646	6.6	91	0.00
83	T	tert-Butylbenzene	2.855	2.779	2.7	93	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.145	1.0	94	0.00
85	T	sec-Butylbenzene	4.248	4.138	2.6	93	0.00
86	T	p-Isopropyltoluene	3.500	3.459	1.2	95	0.00
87	T	1,3-Dichlorobenzene	1.834	1.752	4.5	95	0.00
88	T	1,4-Dichlorobenzene	1.794	1.732	3.5	96	0.00
89	T	n-Butylbenzene	3.232	3.244	-0.4	94	0.00
90	T	Hexachloroethane	0.747	0.719	3.7	97	0.00
91	T	1,2-Dichlorobenzene	1.572	1.529	2.7	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.096	7.7	87	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.876	-2.0	95	0.00
94	T	Hexachlorobutadiene	0.538	0.536	0.4	96	0.00
95	T	Naphthalene	1.390	1.436	-3.3	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.725	-0.4	92	0.00

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