Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023181.D
Acq On : 20 Aug 2025 17:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 21 01:41:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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	80	0.00
2	T	Dichlorodifluoromethane	0.408	0.326	20.1	75	0.00
3	P	Chloromethane	0.661	0.605	8.5	80	0.00
4	C	Vinyl Chloride	0.817	0.783	4.2#	82	0.00
5	T	Bromomethane	0.610	0.612	-0.3	91	0.00
6	T	Chloroethane	0.543	0.549	-1.1	85	0.00
7	T	Trichlorofluoromethane	0.994	0.912	8.2	78	0.00
8	T	Diethyl Ether	0.263	0.241	8.4	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.458	6.5	79	0.00
10	T	Methyl Iodide	0.529	0.523	1.1	76	0.00
11	T	Tert butyl alcohol	0.033	0.029	12.1	73	0.00
12	CM	1,1-Dichloroethene	0.482	0.449	6.8#	78	0.00
13	T	Acrolein	0.048	0.021	56.3#	37#	0.00
14	T	Allyl chloride	0.709	0.626	11.7	73	0.00
15	T	Acrylonitrile	0.107	0.104	2.8	78	0.00
16	T	Acetone	0.103	0.082	20.4	64	0.00
17	T	Carbon Disulfide	1.571	1.408	10.4	76	0.00
18	T	Methyl Acetate	0.307	0.302	1.6	75	0.00
19	T	Methyl tert-butyl Ether	1.249	1.182	5.4	77	0.00
20	T	Methylene Chloride	0.620	0.517	16.6	81	0.01
21	T	trans-1,2-Dichloroethene	0.541	0.518	4.3	79	0.00
22	T	Diisopropyl ether	1.541	1.454	5.6	77	0.00
23	T	Vinyl Acetate	0.852	0.797	6.5	76	0.00
24	P	1,1-Dichloroethane	0.942	0.901	4.4	79	0.00
25	T	2-Butanone	0.140	0.126	10.0	71	0.00
26	T	2,2-Dichloropropane	0.813	0.721	11.3	73	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.607	3.0	80	0.00
28	T	Bromochloromethane	0.374	0.378	-1.1	83	0.00
29	T	Tetrahydrofuran	0.087	0.083	4.6	76	0.00
30	C	Chloroform	0.971	0.960	1.1#	81	0.00
31	T	Cyclohexane	0.888	0.751	15.4	74	0.00
32	T	1,1,1-Trichloroethane	0.862	0.837	2.9	80	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.467	2.1	81	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.299	0.302	-1.0	82	0.00
36	T	1,1-Dichloropropene	0.445	0.424	4.7	78	0.00
37	T	Ethyl Acetate	0.187	0.181	3.2	77	0.00
38	T	Carbon Tetrachloride	0.483	0.466	3.5	79	0.00
39	T	Methylcyclohexane	0.586	0.544	7.2	76	0.00
40	TM	Benzene	1.370	1.355	1.1	81	0.00
41	T	Methacrylonitrile	0.108	0.092	14.8	67	0.00
42	TM	1,2-Dichloroethane	0.356	0.348	2.2	80	0.00
43	T	Isopropyl Acetate	0.378	0.357	5.6	76	0.00
44	TM	Trichloroethene	0.354	0.357	-0.8	83	0.00
45	C	1,2-Dichloropropane	0.315	0.313	0.6#	81	0.00
46	T	Dibromomethane	0.181	0.185	-2.2	82	0.00
47	T	Bromodichloromethane	0.466	0.470	-0.9	81	0.00
48	T	Methyl methacrylate	0.181	0.173	4.4	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50	S	Toluene-d8	1.169	1.180	-0.9	82	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.194	0.5	77	0.00
52	CM	Toluene	0.870	0.868	0.2#	80	0.00
53	T	t-1,3-Dichloropropene	0.422	0.407	3.6	77	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.488	2.2	78	0.00
55	T	1,1,2-Trichloroethane	0.242	0.246	-1.7	82	0.00
56	T	Ethyl methacrylate	0.310	0.315	-1.6	78	0.00
57	T	1,3-Dichloropropane	0.411	0.411	0.0	81	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.163	-11.6	84	0.00
59	T	2-Hexanone	0.133	0.128	3.8	74	0.00
60	T	Dibromochloromethane	0.320	0.326	-1.9	82	0.00
61	T	1,2-Dibromoethane	0.228	0.230	-0.9	81	0.00
62	S	4-Bromofluorobenzene	0.376	0.374	0.5	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.446	0.480	-7.6	90	0.00
65	PM	Chlorobenzene	1.079	1.059	1.9	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.366	0.0	82	0.00
67	C	Ethyl Benzene	1.856	1.818	2.0#	80	0.00
68	T	m/p-Xylenes	0.725	0.723	0.3	82	0.00
69	T	o-Xylene	0.679	0.679	0.0	81	0.00
70	T	Styrene	1.110	1.159	-4.4	84	0.00
71	P	Bromoform	0.214	0.217	-1.4	83	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73	T	Isopropylbenzene	3.529	3.374	4.4	80	0.00
74	T	N-amyl acetate	0.748	0.682	8.8	74	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.544	9.8	78	0.00
76	T	1,2,3-Trichloropropane	0.483	0.474	1.9	74	0.00
77	T	Bromobenzene	0.842	0.810	3.8	82	0.00
78	T	n-propylbenzene	4.201	4.050	3.6	80	0.00
79	T	2-Chlorotoluene	2.407	2.298	4.5	80	0.00
80	T	1,3,5-Trimethylbenzene	2.852	2.738	4.0	80	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.176	11.6	74	0.00
82	T	4-Chlorotoluene	2.497	2.377	4.8	80	0.00
83	T	tert-Butylbenzene	2.576	2.478	3.8	80	0.00
84	T	1,2,4-Trimethylbenzene	2.839	2.760	2.8	81	0.00
85	T	sec-Butylbenzene	3.784	3.644	3.7	81	0.00
86	T	p-Isopropyltoluene	3.141	3.066	2.4	81	0.00
87	T	1,3-Dichlorobenzene	1.660	1.616	2.7	84	0.00
88	T	1,4-Dichlorobenzene	1.647	1.580	4.1	82	0.00
89	T	n-Butylbenzene	2.885	2.761	4.3	79	0.00
90	T	Hexachloroethane	0.643	0.627	2.5	83	0.00
91	T	1,2-Dichlorobenzene	1.456	1.416	2.7	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.087	7.4	76	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.771	10.5	76	0.00
94	T	Hexachlorobutadiene	0.506	0.457	9.7	78	0.00
95	T	Naphthalene	1.468	1.362	7.2	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.678	8.6	78	0.00

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