Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
Data File : VY023288.D
Acq On : 04 Sep 2025 16:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 05 04:26:28 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	83	0.00
2	T	Dichlorodifluoromethane	0.408	0.304	25.5#	73	0.00
3	P	Chloromethane	0.661	0.540	18.3	74	0.00
4	C	Vinyl Chloride	0.817	0.685	16.2#	74	0.01
5	T	Bromomethane	0.610	0.562	7.9	87	0.00
6	T	Chloroethane	0.543	0.503	7.4	81	0.01
7	T	Trichlorofluoromethane	0.994	0.896	9.9	80	0.00
8	T	Diethyl Ether	0.263	0.242	8.0	80	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.475	3.1	86	0.01
10	T	Methyl Iodide	0.529	0.567	-7.2	86	0.01
11	T	Tert butyl alcohol	0.033	0.030	9.1	78	0.00
12	CM	1,1-Dichloroethene	0.482	0.454	5.8#	82	0.01
13	T	Acrolein	0.048	0.007	85.4#	12#	0.01
14	T	Allyl chloride	0.709	0.603	15.0	73	0.00
15	T	Acrylonitrile	0.107	0.098	8.4	77	0.01
16	T	Acetone	0.103	0.085	17.5	69	0.01
17	T	Carbon Disulfide	1.571	1.329	15.4	74	0.01
18	T	Methyl Acetate	0.307	0.301	2.0	78	0.01
19	T	Methyl tert-butyl Ether	1.249	1.166	6.6	79	0.01
20	T	Methylene Chloride	0.620	0.555	10.5	91	0.02
21	T	trans-1,2-Dichloroethene	0.541	0.538	0.6	85	0.01
22	T	Diisopropyl ether	1.541	1.403	9.0	77	0.00
23	T	Vinyl Acetate	0.852	0.736	13.6	73	0.01
24	P	1,1-Dichloroethane	0.942	0.897	4.8	81	0.00
25	T	2-Butanone	0.140	0.119	15.0	70	0.01
26	T	2,2-Dichloropropane	0.813	0.754	7.3	79	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.629	-0.5	86	0.00
28	T	Bromochloromethane	0.374	0.349	6.7	80	0.00
29	T	Tetrahydrofuran	0.087	0.075	13.8	72	0.00
30	C	Chloroform	0.971	0.979	-0.8#	86	0.01
31	T	Cyclohexane	0.888	0.714	19.6	73	0.00
32	T	1,1,1-Trichloroethane	0.862	0.857	0.6	85	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.424	11.1	76	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35	S	Dibromofluoromethane	0.299	0.303	-1.3	83	0.00
36	T	1,1-Dichloropropene	0.445	0.430	3.4	80	0.00
37	T	Ethyl Acetate	0.187	0.169	9.6	73	0.00
38	T	Carbon Tetrachloride	0.483	0.499	-3.3	86	0.00
39	T	Methylcyclohexane	0.586	0.541	7.7	77	0.00
40	TM	Benzene	1.370	1.381	-0.8	83	0.00
41	T	Methacrylonitrile	0.108	0.094	13.0	69	0.00
42	TM	1,2-Dichloroethane	0.356	0.345	3.1	80	0.00
43	T	Isopropyl Acetate	0.378	0.339	10.3	73	0.00
44	TM	Trichloroethene	0.354	0.376	-6.2	89	0.00
45	C	1,2-Dichloropropane	0.315	0.318	-1.0#	83	0.00
46	T	Dibromomethane	0.181	0.189	-4.4	85	0.00
47	T	Bromodichloromethane	0.466	0.486	-4.3	85	0.00
48	T	Methyl methacrylate	0.181	0.164	9.4	70	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	77	0.00
50	S	Toluene-d8	1.169	1.145	2.1	81	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.185	5.1	75	0.00
52	CM	Toluene	0.870	0.898	-3.2#	84	0.00
53	T	t-1,3-Dichloropropene	0.422	0.416	1.4	80	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.496	0.6	81	0.00
55	T	1,1,2-Trichloroethane	0.242	0.256	-5.8	86	0.00
56	T	Ethyl methacrylate	0.310	0.310	0.0	78	0.00
57	T	1,3-Dichloropropane	0.411	0.420	-2.2	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.143	2.1	74	0.00
59	T	2-Hexanone	0.133	0.124	6.8	73	0.00
60	T	Dibromochloromethane	0.320	0.354	-10.6	90	0.00
61	T	1,2-Dibromoethane	0.228	0.239	-4.8	85	0.01
62	S	4-Bromofluorobenzene	0.376	0.376	0.0	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.446	0.490	-9.9	92	0.00
65	PM	Chlorobenzene	1.079	1.119	-3.7	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.397	-8.5	90	0.00
67	C	Ethyl Benzene	1.856	1.880	-1.3#	83	0.00
68	T	m/p-Xylenes	0.725	0.754	-4.0	86	0.00
69	T	o-Xylene	0.679	0.704	-3.7	84	0.00
70	T	Styrene	1.110	1.187	-6.9	87	0.00
71	P	Bromoform	0.214	0.237	-10.7	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.529	3.373	4.4	85	0.00
74	T	N-amyl acetate	0.748	0.621	17.0	71	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.570	5.5	86	0.00
76	T	1,2,3-Trichloropropane	0.483	0.408	15.5	67	0.00
77	T	Bromobenzene	0.842	0.840	0.2	90	0.00
78	T	n-propylbenzene	4.201	3.983	5.2	83	0.00
79	T	2-Chlorotoluene	2.407	2.290	4.9	85	0.00
80	T	1,3,5-Trimethylbenzene	2.852	2.754	3.4	85	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.175	12.1	78	0.00
82	T	4-Chlorotoluene	2.497	2.340	6.3	84	0.00
83	T	tert-Butylbenzene	2.576	2.562	0.5	87	0.00
84	T	1,2,4-Trimethylbenzene	2.839	2.771	2.4	86	0.00
85	T	sec-Butylbenzene	3.784	3.687	2.6	86	0.00
86	T	p-Isopropyltoluene	3.141	3.120	0.7	87	0.00
87	T	1,3-Dichlorobenzene	1.660	1.669	-0.5	92	0.00
88	T	1,4-Dichlorobenzene	1.647	1.623	1.5	89	0.00
89	T	n-Butylbenzene	2.885	2.740	5.0	83	0.00
90	T	Hexachloroethane	0.643	0.653	-1.6	92	0.00
91	T	1,2-Dichlorobenzene	1.456	1.474	-1.2	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.085	9.6	79	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.870	-1.0	91	0.00
94	T	Hexachlorobutadiene	0.506	0.519	-2.6	93	0.00
95	T	Naphthalene	1.468	1.464	0.3	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.762	-2.7	93	0.00

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