Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
Data File : VY023269.D
Acq On : 03 Sep 2025 09:58
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 04 01:13:39 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	89	0.00
2	T	Dichlorodifluoromethane	0.408	0.339	16.9	87	0.00
3	P	Chloromethane	0.661	0.574	13.2	84	0.00
4	C	Vinyl Chloride	0.817	0.728	10.9#	85	0.01
5	T	Bromomethane	0.610	0.575	5.7	95	0.00
6	T	Chloroethane	0.543	0.511	5.9	89	0.01
7	T	Trichlorofluoromethane	0.994	0.933	6.1	89	0.01
8	T	Diethyl Ether	0.263	0.260	1.1	92	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.504	-2.9	98	0.01
10	T	Methyl Iodide	0.529	0.597	-12.9	97	0.02
11	T	Tert butyl alcohol	0.033	0.038	-15.2	107	0.00
12	CM	1,1-Dichloroethene	0.482	0.485	-0.6#	94	0.01
13	T	Acrolein	0.048	0.008	83.3#	16#	0.01
14	T	Allyl chloride	0.709	0.637	10.2	83	0.01
15	T	Acrylonitrile	0.107	0.105	1.9	89	0.02
16	T	Acetone	0.103	0.114	-10.7	98	0.01
17	T	Carbon Disulfide	1.571	1.403	10.7	84	0.01
18	T	Methyl Acetate	0.307	0.299	2.6	83	0.01
19	T	Methyl tert-butyl Ether	1.249	1.255	-0.5	91	0.01
20	T	Methylene Chloride	0.620	0.572	7.7	100	0.02
21	T	trans-1,2-Dichloroethene	0.541	0.554	-2.4	95	0.02
22	T	Diisopropyl ether	1.541	1.472	4.5	87	0.00
23	T	Vinyl Acetate	0.852	0.808	5.2	86	0.01
24	P	1,1-Dichloroethane	0.942	0.942	0.0	92	0.01
25	T	2-Butanone	0.140	0.139	0.7	88	0.01
26	T	2,2-Dichloropropane	0.813	0.852	-4.8	96	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.654	-4.5	96	0.01
28	T	Bromochloromethane	0.374	0.341	8.8	84	0.00
29	T	Tetrahydrofuran	0.087	0.082	5.7	84	0.01
30	C	Chloroform	0.971	1.011	-4.1#	96	0.01
31	T	Cyclohexane	0.888	0.773	13.0	85	0.01
32	T	1,1,1-Trichloroethane	0.862	0.901	-4.5	96	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.427	10.5	83	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.01
35	S	Dibromofluoromethane	0.299	0.304	-1.7	88	0.01
36	T	1,1-Dichloropropene	0.445	0.463	-4.0	90	0.01
37	T	Ethyl Acetate	0.187	0.190	-1.6	85	0.00
38	T	Carbon Tetrachloride	0.483	0.543	-12.4	98	0.00
39	T	Methylcyclohexane	0.586	0.604	-3.1	90	0.00
40	TM	Benzene	1.370	1.454	-6.1	92	0.01
41	T	Methacrylonitrile	0.108	0.100	7.4	77	0.00
42	TM	1,2-Dichloroethane	0.356	0.367	-3.1	90	0.01
43	T	Isopropyl Acetate	0.378	0.372	1.6	84	0.00
44	TM	Trichloroethene	0.354	0.406	-14.7	101	0.01
45	C	1,2-Dichloropropane	0.315	0.335	-6.3#	92	0.00
46	T	Dibromomethane	0.181	0.199	-9.9	94	0.00
47	T	Bromodichloromethane	0.466	0.513	-10.1	94	0.00
48	T	Methyl methacrylate	0.181	0.176	2.8	80	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	89	0.01
50	S	Toluene-d8	1.169	1.158	0.9	86	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.200	-2.6	85	0.00
52	CM	Toluene	0.870	0.955	-9.8#	94	0.00
53	T	t-1,3-Dichloropropene	0.422	0.452	-7.1	91	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.538	-7.8	92	0.00
55	T	1,1,2-Trichloroethane	0.242	0.272	-12.4	97	0.00
56	T	Ethyl methacrylate	0.310	0.339	-9.4	90	0.00
57	T	1,3-Dichloropropane	0.411	0.441	-7.3	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.147	-0.7	81	0.00
59	T	2-Hexanone	0.133	0.144	-8.3	89	0.00
60	T	Dibromochloromethane	0.320	0.372	-16.2	99	0.00
61	T	1,2-Dibromoethane	0.228	0.258	-13.2	97	0.01
62	S	4-Bromofluorobenzene	0.376	0.377	-0.3	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.01
64	T	Tetrachloroethene	0.446	0.537	-20.4	106	0.01
65	PM	Chlorobenzene	1.079	1.194	-10.7	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.422	-15.3	100	0.00
67	C	Ethyl Benzene	1.856	2.011	-8.4#	93	0.00
68	T	m/p-Xylenes	0.725	0.805	-11.0	96	0.00
69	T	o-Xylene	0.679	0.755	-11.2	95	0.00
70	T	Styrene	1.110	1.273	-14.7	97	0.00
71	P	Bromoform	0.214	0.252	-17.8	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.529	3.811	-8.0	97	0.00
74	T	N-amyl acetate	0.748	0.722	3.5	84	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.612	-1.5	94	0.00
76	T	1,2,3-Trichloropropane	0.483	0.480	0.6	80	0.00
77	T	Bromobenzene	0.842	0.928	-10.2	100	0.01
78	T	n-propylbenzene	4.201	4.520	-7.6	96	0.00
79	T	2-Chlorotoluene	2.407	2.531	-5.2	95	0.01
80	T	1,3,5-Trimethylbenzene	2.852	3.062	-7.4	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.187	6.0	85	0.00
82	T	4-Chlorotoluene	2.497	2.631	-5.4	96	0.01
83	T	tert-Butylbenzene	2.576	2.789	-8.3	96	0.00
84	T	1,2,4-Trimethylbenzene	2.839	3.083	-8.6	97	0.00
85	T	sec-Butylbenzene	3.784	4.128	-9.1	98	0.00
86	T	p-Isopropyltoluene	3.141	3.477	-10.7	98	0.00
87	T	1,3-Dichlorobenzene	1.660	1.858	-11.9	103	0.00
88	T	1,4-Dichlorobenzene	1.647	1.812	-10.0	101	0.01
89	T	n-Butylbenzene	2.885	3.104	-7.6	95	0.01
90	T	Hexachloroethane	0.643	0.704	-9.5	100	0.01
91	T	1,2-Dichlorobenzene	1.456	1.623	-11.5	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.095	-1.1	89	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.963	-11.8	102	0.00
94	T	Hexachlorobutadiene	0.506	0.570	-12.6	104	0.00
95	T	Naphthalene	1.468	1.596	-8.7	96	0.00

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96 T	1,2,3-Trichlorobenzene	0.742	0.821	-10.6	102	0.00

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