Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
Data File : VY022929.D
Acq On : 03 Jul 2025 09:26
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: Jul 04 03:14:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	86	0.00
2	T	Dichlorodifluoromethane	0.428	0.395	7.7	81	0.00
3	P	Chloromethane	0.816	0.853	-4.5	93	0.00
4	C	Vinyl Chloride	1.020	1.001	1.9#	83	0.00
5	T	Bromomethane	0.802	0.783	2.4	88	0.00
6	T	Chloroethane	0.686	0.704	-2.6	88	0.00
7	T	Trichlorofluoromethane	1.129	1.112	1.5	82	0.00
8	T	Diethyl Ether	0.279	0.273	2.2	83	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.521	-1.0	87	0.00
10	T	Methyl Iodide	0.562	0.656	-16.7	90	0.00
11	T	Tert butyl alcohol	0.037	0.031	16.2	70	0.00
12	CM	1,1-Dichloroethene	0.506	0.499	1.4#	84	-0.01
13	T	Acrolein	0.050	0.023	54.0#	39#	0.00
14	T	Allyl chloride	0.778	0.819	-5.3	89	0.00
15	T	Acrylonitrile	0.116	0.117	-0.9	84	0.00
16	T	Acetone	0.105	0.122	-16.2	110	0.00
17	T	Carbon Disulfide	1.635	1.601	2.1	83	0.00
18	T	Methyl Acetate	0.349	0.306	12.3	75	-0.01
19	T	Methyl tert-butyl Ether	1.378	1.350	2.0	81	-0.01
20	T	Methylene Chloride	0.666	0.618	7.2	90	0.00
21	T	trans-1,2-Dichloroethene	0.578	0.573	0.9	84	0.00
22	T	Diisopropyl ether	1.729	1.829	-5.8	88	0.00
23	T	Vinyl Acetate	0.955	1.009	-5.7	86	-0.01
24	P	1,1-Dichloroethane	1.044	1.086	-4.0	87	0.00
25	T	2-Butanone	0.154	0.158	-2.6	89	0.00
26	T	2,2-Dichloropropane	0.875	0.946	-8.1	92	0.00
27	T	cis-1,2-Dichloroethene	0.672	0.674	-0.3	85	0.00
28	T	Bromochloromethane	0.439	0.476	-8.4	90	0.00
29	T	Tetrahydrofuran	0.097	0.095	2.1	81	0.00
30	C	Chloroform	1.076	1.085	-0.8#	86	0.00
31	T	Cyclohexane	0.959	0.963	-0.4	88	0.00
32	T	1,1,1-Trichloroethane	0.929	0.949	-2.2	86	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.550	1.4	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.304	0.318	-4.6	87	0.00
36	T	1,1-Dichloropropene	0.461	0.490	-6.3	87	0.00
37	T	Ethyl Acetate	0.199	0.211	-6.0	85	0.00
38	T	Carbon Tetrachloride	0.486	0.511	-5.1	87	0.00
39	T	Methylcyclohexane	0.596	0.639	-7.2	86	0.00
40	TM	Benzene	1.417	1.504	-6.1	85	0.00
41	T	Methacrylonitrile	0.122	0.121	0.8	84	0.00
42	TM	1,2-Dichloroethane	0.388	0.408	-5.2	85	0.00
43	T	Isopropyl Acetate	0.413	0.426	-3.1	81	0.00
44	TM	Trichloroethene	0.356	0.371	-4.2	83	0.00
45	C	1,2-Dichloropropane	0.332	0.354	-6.6#	87	0.00
46	T	Dibromomethane	0.188	0.191	-1.6	83	0.00
47	T	Bromodichloromethane	0.485	0.508	-4.7	85	0.00
48	T	Methyl methacrylate	0.199	0.202	-1.5	79	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50	S	Toluene-d8	1.207	1.258	-4.2	86	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.223	-6.2	82	0.00
52	CM	Toluene	0.894	0.947	-5.9#	85	0.00
53	T	t-1,3-Dichloropropene	0.437	0.460	-5.3	85	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.534	-5.5	85	0.00
55	T	1,1,2-Trichloroethane	0.244	0.251	-2.9	83	0.00
56	T	Ethyl methacrylate	0.328	0.338	-3.0	79	0.00
57	T	1,3-Dichloropropane	0.425	0.441	-3.8	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.173	-19.3	85	0.00
59	T	2-Hexanone	0.143	0.154	-7.7	85	0.00
60	T	Dibromochloromethane	0.315	0.319	-1.3	81	0.00
61	T	1,2-Dibromoethane	0.228	0.231	-1.3	81	0.00
62	S	4-Bromofluorobenzene	0.388	0.393	-1.3	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.472	0.517	-9.5	82	0.00
65	PM	Chlorobenzene	1.099	1.171	-6.6	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.392	-5.4	83	0.00
67	C	Ethyl Benzene	1.930	2.129	-10.3#	86	0.00
68	T	m/p-Xylenes	0.746	0.813	-9.0	85	0.00
69	T	o-Xylene	0.703	0.753	-7.1	84	0.00
70	T	Styrene	1.178	1.277	-8.4	83	0.00
71	P	Bromoform	0.207	0.207	0.0	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73	T	Isopropylbenzene	3.698	4.069	-10.0	85	0.00
74	T	N-amyl acetate	0.830	0.905	-9.0	80	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.596	0.0	83	0.00
76	T	1,2,3-Trichloropropane	0.510	0.501	1.8	78	0.00
77	T	Bromobenzene	0.838	0.869	-3.7	81	0.00
78	T	n-propylbenzene	4.465	4.954	-11.0	86	0.00
79	T	2-Chlorotoluene	2.522	2.745	-8.8	84	0.00
80	T	1,3,5-Trimethylbenzene	2.985	3.297	-10.5	85	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.214	-5.9	85	0.00
82	T	4-Chlorotoluene	2.650	2.855	-7.7	84	0.00
83	T	tert-Butylbenzene	2.633	2.927	-11.2	85	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.260	-9.1	83	0.00
85	T	sec-Butylbenzene	3.961	4.377	-10.5	85	0.00
86	T	p-Isopropyltoluene	3.296	3.636	-10.3	84	0.00
87	T	1,3-Dichlorobenzene	1.683	1.801	-7.0	84	0.00
88	T	1,4-Dichlorobenzene	1.672	1.727	-3.3	81	0.00
89	T	n-Butylbenzene	3.101	3.445	-11.1	85	0.00
90	T	Hexachloroethane	0.657	0.707	-7.6	83	0.00
91	T	1,2-Dichlorobenzene	1.483	1.511	-1.9	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.094	6.9	72	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.802	4.3	75	0.00
94	T	Hexachlorobutadiene	0.474	0.461	2.7	79	0.00
95	T	Naphthalene	1.515	1.415	6.6	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.673	7.0	73	0.00

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