Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
Data File : VY022870.D
Acq On : 27 Jun 2025 18:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 27 23:22:14 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	82	0.00
2	T	Dichlorodifluoromethane	0.428	0.376	12.1	73	0.00
3	P	Chloromethane	0.816	0.771	5.5	79	0.00
4	C	Vinyl Chloride	1.020	0.992	2.7#	78	0.00
5	T	Bromomethane	0.802	0.739	7.9	78	0.00
6	T	Chloroethane	0.686	0.690	-0.6	81	0.00
7	T	Trichlorofluoromethane	1.129	1.010	10.5	71	0.00
8	T	Diethyl Ether	0.279	0.263	5.7	75	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.480	7.0	76	0.00
10	T	Methyl Iodide	0.562	0.598	-6.4	78	0.00
11	T	Tert butyl alcohol	0.037	0.030	18.9	63	-0.02
12	CM	1,1-Dichloroethene	0.506	0.490	3.2#	78	-0.01
13	T	Acrolein	0.050	0.032	36.0#	54	0.00
14	T	Allyl chloride	0.778	0.781	-0.4	80	0.00
15	T	Acrylonitrile	0.116	0.111	4.3	75	-0.01
16	T	Acetone	0.105	0.081	22.9	70	-0.01
17	T	Carbon Disulfide	1.635	1.603	2.0	79	0.00
18	T	Methyl Acetate	0.349	0.417	-19.5	97	-0.01
19	T	Methyl tert-butyl Ether	1.378	1.298	5.8	74	-0.01
20	T	Methylene Chloride	0.666	0.597	10.4	83	0.00
21	T	trans-1,2-Dichloroethene	0.578	0.580	-0.3	80	0.00
22	T	Diisopropyl ether	1.729	1.766	-2.1	81	0.00
23	T	Vinyl Acetate	0.955	0.850	11.0	69	-0.01
24	P	1,1-Dichloroethane	1.044	1.086	-4.0	83	0.00
25	T	2-Butanone	0.154	0.131	14.9	70	0.00
26	T	2,2-Dichloropropane	0.875	0.794	9.3	73	0.00
27	T	cis-1,2-Dichloroethene	0.672	0.679	-1.0	81	0.00
28	T	Bromochloromethane	0.439	0.451	-2.7	80	0.00
29	T	Tetrahydrofuran	0.097	0.089	8.2	71	0.00
30	C	Chloroform	1.076	1.090	-1.3#	81	0.00
31	T	Cyclohexane	0.959	0.887	7.5	77	0.00
32	T	1,1,1-Trichloroethane	0.929	0.937	-0.9	81	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.568	-1.8	83	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.304	0.309	-1.6	86	0.00
36	T	1,1-Dichloropropene	0.461	0.436	5.4	79	0.00
37	T	Ethyl Acetate	0.199	0.176	11.6	72	-0.01
38	T	Carbon Tetrachloride	0.486	0.459	5.6	79	0.00
39	T	Methylcyclohexane	0.596	0.549	7.9	75	0.00
40	TM	Benzene	1.417	1.423	-0.4	82	0.00
41	T	Methacrylonitrile	0.122	0.104	14.8	74	-0.01
42	TM	1,2-Dichloroethane	0.388	0.373	3.9	79	0.00
43	T	Isopropyl Acetate	0.413	0.366	11.4	71	0.00
44	TM	Trichloroethene	0.356	0.344	3.4	78	0.00
45	C	1,2-Dichloropropane	0.332	0.331	0.3#	82	0.00
46	T	Dibromomethane	0.188	0.175	6.9	77	0.00
47	T	Bromodichloromethane	0.485	0.473	2.5	80	0.00
48	T	Methyl methacrylate	0.199	0.180	9.5	71	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	69	-0.01
50	S	Toluene-d8	1.207	1.239	-2.7	86	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.190	9.5	71	0.00
52	CM	Toluene	0.894	0.888	0.7#	81	0.00
53	T	t-1,3-Dichloropropene	0.437	0.404	7.6	76	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.482	4.7	78	0.00
55	T	1,1,2-Trichloroethane	0.244	0.231	5.3	77	0.00
56	T	Ethyl methacrylate	0.328	0.293	10.7	70	0.00
57	T	1,3-Dichloropropane	0.425	0.406	4.5	78	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.157	-8.3	78	0.00
59	T	2-Hexanone	0.143	0.122	14.7	68	0.00
60	T	Dibromochloromethane	0.315	0.293	7.0	75	0.00
61	T	1,2-Dibromoethane	0.228	0.214	6.1	76	0.00
62	S	4-Bromofluorobenzene	0.388	0.386	0.5	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.472	0.464	1.7	77	0.00
65	PM	Chlorobenzene	1.099	1.067	2.9	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.357	4.0	79	0.00
67	C	Ethyl Benzene	1.930	1.920	0.5#	81	0.00
68	T	m/p-Xylenes	0.746	0.736	1.3	80	0.00
69	T	o-Xylene	0.703	0.693	1.4	80	0.00
70	T	Styrene	1.178	1.168	0.8	80	0.00
71	P	Bromoform	0.207	0.183	11.6	73	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73	T	Isopropylbenzene	3.698	3.686	0.3	79	0.00
74	T	N-amyl acetate	0.830	0.689	17.0	62	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.528	11.4	76	0.00
76	T	1,2,3-Trichloropropane	0.510	0.417	18.2	67	0.00
77	T	Bromobenzene	0.838	0.807	3.7	77	0.00
78	T	n-propylbenzene	4.465	4.438	0.6	79	0.00
79	T	2-Chlorotoluene	2.522	2.519	0.1	80	0.00
80	T	1,3,5-Trimethylbenzene	2.985	2.969	0.5	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.170	15.8	70	0.00
82	T	4-Chlorotoluene	2.650	2.590	2.3	78	0.00
83	T	tert-Butylbenzene	2.633	2.648	-0.6	79	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.011	-0.7	79	0.00
85	T	sec-Butylbenzene	3.961	3.916	1.1	78	0.00
86	T	p-Isopropyltoluene	3.296	3.210	2.6	76	0.00
87	T	1,3-Dichlorobenzene	1.683	1.626	3.4	77	0.00
88	T	1,4-Dichlorobenzene	1.672	1.603	4.1	77	0.00
89	T	n-Butylbenzene	3.101	2.975	4.1	76	0.00
90	T	Hexachloroethane	0.657	0.644	2.0	78	0.00
91	T	1,2-Dichlorobenzene	1.483	1.393	6.1	76	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.084	16.8	66	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.704	16.0	68	0.00
94	T	Hexachlorobutadiene	0.474	0.406	14.3	71	0.00
95	T	Naphthalene	1.515	1.266	16.4	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.612	15.5	68	0.00

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