Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
Data File : VY022927.D
Acq On : 02 Jul 2025 21:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 03 02:29:48 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	77	0.00
2	T	Dichlorodifluoromethane	0.428	0.376	12.1	69	0.00
3	P	Chloromethane	0.816	0.927	-13.6	90	0.00
4	C	Vinyl Chloride	1.020	1.062	-4.1#	79	0.00
5	T	Bromomethane	0.802	0.841	-4.9	85	0.00
6	T	Chloroethane	0.686	0.758	-10.5	85	0.00
7	T	Trichlorofluoromethane	1.129	1.066	5.6	71	0.00
8	T	Diethyl Ether	0.279	0.281	-0.7	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.504	2.3	76	0.00
10	T	Methyl Iodide	0.562	0.639	-13.7	79	0.00
11	T	Tert butyl alcohol	0.037	0.029	21.6	58	0.00
12	CM	1,1-Dichloroethene	0.506	0.506	0.0	76	0.00
13	T	Acrolein	0.050	0.020	60.0#	31#	0.00
14	T	Allyl chloride	0.778	0.816	-4.9	79	0.00
15	T	Acrylonitrile	0.116	0.117	-0.9	75	0.00
16	T	Acetone	0.105	0.086	18.1	70	0.00
17	T	Carbon Disulfide	1.635	1.641	-0.4	76	0.00
18	T	Methyl Acetate	0.349	0.363	-4.0	80	0.00
19	T	Methyl tert-butyl Ether	1.378	1.343	2.5	73	-0.01
20	T	Methylene Chloride	0.666	0.668	-0.3	88	0.00
21	T	trans-1,2-Dichloroethene	0.578	0.607	-5.0	79	0.00
22	T	Diisopropyl ether	1.729	1.871	-8.2	81	0.00
23	T	Vinyl Acetate	0.955	0.944	1.2	72	0.00
24	P	1,1-Dichloroethane	1.044	1.132	-8.4	81	0.00
25	T	2-Butanone	0.154	0.140	9.1	71	0.00
26	T	2,2-Dichloropropane	0.875	0.842	3.8	74	0.00
27	T	cis-1,2-Dichloroethene	0.672	0.700	-4.2	79	0.00
28	T	Bromochloromethane	0.439	0.468	-6.6	79	0.00
29	T	Tetrahydrofuran	0.097	0.093	4.1	71	0.00
30	C	Chloroform	1.076	1.143	-6.2#	81	0.00
31	T	Cyclohexane	0.959	0.936	2.4	77	0.00
32	T	1,1,1-Trichloroethane	0.929	0.961	-3.4	78	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.546	2.2	76	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35	S	Dibromofluoromethane	0.304	0.298	2.0	78	0.00
36	T	1,1-Dichloropropene	0.461	0.464	-0.7	78	0.00
37	T	Ethyl Acetate	0.199	0.189	5.0	73	0.00
38	T	Carbon Tetrachloride	0.486	0.486	0.0	78	0.00
39	T	Methylcyclohexane	0.596	0.581	2.5	74	0.00
40	TM	Benzene	1.417	1.490	-5.2	80	0.00
41	T	Methacrylonitrile	0.122	0.121	0.8	80	0.00
42	TM	1,2-Dichloroethane	0.388	0.395	-1.8	78	0.00
43	T	Isopropyl Acetate	0.413	0.390	5.6	71	0.00
44	TM	Trichloroethene	0.356	0.360	-1.1	77	0.00
45	C	1,2-Dichloropropane	0.332	0.350	-5.4#	82	0.00
46	T	Dibromomethane	0.188	0.187	0.5	77	0.00
47	T	Bromodichloromethane	0.485	0.502	-3.5	80	0.00
48	T	Methyl methacrylate	0.199	0.191	4.0	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	64	0.00
50	S	Toluene-d8	1.207	1.191	1.3	78	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.205	2.4	72	0.00
52	CM	Toluene	0.894	0.937	-4.8#	80	0.00
53	T	t-1,3-Dichloropropene	0.437	0.424	3.0	74	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.512	-1.2	77	0.00
55	T	1,1,2-Trichloroethane	0.244	0.242	0.8	76	0.00
56	T	Ethyl methacrylate	0.328	0.319	2.7	71	0.00
57	T	1,3-Dichloropropane	0.425	0.425	0.0	77	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.171	-17.9	80	0.00
59	T	2-Hexanone	0.143	0.133	7.0	70	0.00
60	T	Dibromochloromethane	0.315	0.316	-0.3	76	0.00
61	T	1,2-Dibromoethane	0.228	0.221	3.1	74	0.00
62	S	4-Bromofluorobenzene	0.388	0.362	6.7	75	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64	T	Tetrachloroethene	0.472	0.488	-3.4	75	0.00
65	PM	Chlorobenzene	1.099	1.119	-1.8	79	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.375	-0.8	78	0.00
67	C	Ethyl Benzene	1.930	2.002	-3.7#	79	0.00
68	T	m/p-Xylenes	0.746	0.781	-4.7	80	0.00
69	T	o-Xylene	0.703	0.724	-3.0	79	0.00
70	T	Styrene	1.178	1.222	-3.7	78	0.00
71	P	Bromoform	0.207	0.196	5.3	74	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73	T	Isopropylbenzene	3.698	3.857	-4.3	78	0.00
74	T	N-amyl acetate	0.830	0.798	3.9	68	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.559	6.2	75	0.00
76	T	1,2,3-Trichloropropane	0.510	0.421	17.5	63	0.00
77	T	Bromobenzene	0.838	0.840	-0.2	75	0.00
78	T	n-propylbenzene	4.465	4.704	-5.4	79	0.00
79	T	2-Chlorotoluene	2.522	2.624	-4.0	78	0.00
80	T	1,3,5-Trimethylbenzene	2.985	3.152	-5.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.185	8.4	71	0.00
82	T	4-Chlorotoluene	2.650	2.718	-2.6	77	0.00
83	T	tert-Butylbenzene	2.633	2.792	-6.0	79	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.124	-4.5	77	0.00
85	T	sec-Butylbenzene	3.961	4.168	-5.2	78	0.00
86	T	p-Isopropyltoluene	3.296	3.428	-4.0	77	0.00
87	T	1,3-Dichlorobenzene	1.683	1.704	-1.2	76	0.00
88	T	1,4-Dichlorobenzene	1.672	1.644	1.7	75	0.00
89	T	n-Butylbenzene	3.101	3.163	-2.0	76	0.00
90	T	Hexachloroethane	0.657	0.678	-3.2	77	0.00
91	T	1,2-Dichlorobenzene	1.483	1.458	1.7	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.086	14.9	64	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.731	12.8	66	0.00
94	T	Hexachlorobutadiene	0.474	0.415	12.4	68	0.00
95	T	Naphthalene	1.515	1.314	13.3	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.626	13.5	66	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5