Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022811.D
Acq On : 25 Jun 2025 09:13
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: Jun 26 01:20:38 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	96	0.00
2	T	Dichlorodifluoromethane	0.428	0.402	6.1	91	0.00
3	P	Chloromethane	0.816	0.678	16.9	82	0.00
4	C	Vinyl Chloride	1.020	0.942	7.6#	87	0.00
5	T	Bromomethane	0.802	0.717	10.6	89	0.00
6	T	Chloroethane	0.686	0.643	6.3	89	0.00
7	T	Trichlorofluoromethane	1.129	1.068	5.4	88	0.00
8	T	Diethyl Ether	0.279	0.258	7.5	87	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.503	2.5	94	0.00
10	T	Methyl Iodide	0.562	0.586	-4.3	90	0.00
11	T	Tert butyl alcohol	0.037	0.032	13.5	79	-0.03
12	CM	1,1-Dichloroethene	0.506	0.494	2.4#	92	-0.01
13	T	Acrolein	0.050	0.039	22.0	75	-0.01
14	T	Allyl chloride	0.778	0.739	5.0	89	-0.01
15	T	Acrylonitrile	0.116	0.106	8.6	84	-0.01
16	T	Acetone	0.105	0.114	-8.6	115	-0.01
17	T	Carbon Disulfide	1.635	1.577	3.5	91	0.00
18	T	Methyl Acetate	0.349	0.282	19.2	77	-0.02
19	T	Methyl tert-butyl Ether	1.378	1.304	5.4	87	-0.02
20	T	Methylene Chloride	0.666	0.569	14.6	93	-0.01
21	T	trans-1,2-Dichloroethene	0.578	0.554	4.2	90	-0.02
22	T	Diisopropyl ether	1.729	1.642	5.0	88	-0.01
23	T	Vinyl Acetate	0.955	0.921	3.6	88	-0.01
24	P	1,1-Dichloroethane	1.044	1.002	4.0	89	-0.01
25	T	2-Butanone	0.154	0.145	5.8	91	-0.02
26	T	2,2-Dichloropropane	0.875	0.893	-2.1	97	-0.01
27	T	cis-1,2-Dichloroethene	0.672	0.648	3.6	91	-0.01
28	T	Bromochloromethane	0.439	0.409	6.8	86	0.00
29	T	Tetrahydrofuran	0.097	0.087	10.3	82	0.00
30	C	Chloroform	1.076	1.022	5.0#	90	-0.01
31	T	Cyclohexane	0.959	0.895	6.7	91	-0.01
32	T	1,1,1-Trichloroethane	0.929	0.916	1.4	93	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.536	3.9	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.304	0.309	-1.6	94	-0.01
36	T	1,1-Dichloropropene	0.461	0.465	-0.9	92	0.00
37	T	Ethyl Acetate	0.199	0.188	5.5	85	-0.01
38	T	Carbon Tetrachloride	0.486	0.494	-1.6	93	-0.01
39	T	Methylcyclohexane	0.596	0.609	-2.2	91	-0.01
40	TM	Benzene	1.417	1.415	0.1	90	0.00
41	T	Methacrylonitrile	0.122	0.120	1.6	93	-0.02
42	TM	1,2-Dichloroethane	0.388	0.380	2.1	88	-0.01
43	T	Isopropyl Acetate	0.413	0.391	5.3	83	0.00
44	TM	Trichloroethene	0.356	0.364	-2.2	91	0.00
45	C	1,2-Dichloropropane	0.332	0.331	0.3#	90	0.00
46	T	Dibromomethane	0.188	0.182	3.2	88	0.00
47	T	Bromodichloromethane	0.485	0.481	0.8	89	0.00
48	T	Methyl methacrylate	0.199	0.190	4.5	82	0.00

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49	T	1,4-Dioxane	0.002	0.002	0.0	80	-0.02
50	S	Toluene-d8	1.207	1.256	-4.1	96	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.201	4.3	82	0.00
52	CM	Toluene	0.894	0.909	-1.7#	91	0.00
53	T	t-1,3-Dichloropropene	0.437	0.438	-0.2	90	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.513	-1.4	91	0.00
55	T	1,1,2-Trichloroethane	0.244	0.236	3.3	87	0.00
56	T	Ethyl methacrylate	0.328	0.329	-0.3	86	0.00
57	T	1,3-Dichloropropane	0.425	0.407	4.2	86	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.159	-9.7	87	0.00
59	T	2-Hexanone	0.143	0.141	1.4	86	0.00
60	T	Dibromochloromethane	0.315	0.312	1.0	88	0.00
61	T	1,2-Dibromoethane	0.228	0.223	2.2	87	0.00
62	S	4-Bromofluorobenzene	0.388	0.398	-2.6	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.472	0.499	-5.7	90	0.00
65	PM	Chlorobenzene	1.099	1.104	-0.5	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.372	0.0	90	0.00
67	C	Ethyl Benzene	1.930	1.981	-2.6#	91	0.00
68	T	m/p-Xylenes	0.746	0.775	-3.9	92	-0.01
69	T	o-Xylene	0.703	0.725	-3.1	92	0.00
70	T	Styrene	1.178	1.218	-3.4	91	0.00
71	P	Bromoform	0.207	0.199	3.9	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.698	3.805	-2.9	93	0.00
74	T	N-amyl acetate	0.830	0.821	1.1	84	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.530	11.1	86	0.00
76	T	1,2,3-Trichloropropane	0.510	0.478	6.3	86	0.00
77	T	Bromobenzene	0.838	0.829	1.1	89	0.00
78	T	n-propylbenzene	4.465	4.627	-3.6	93	0.00
79	T	2-Chlorotoluene	2.522	2.557	-1.4	91	0.00
80	T	1,3,5-Trimethylbenzene	2.985	3.075	-3.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.195	3.5	90	0.00
82	T	4-Chlorotoluene	2.650	2.638	0.5	90	0.00
83	T	tert-Butylbenzene	2.633	2.737	-3.9	92	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.123	-4.5	93	0.00
85	T	sec-Butylbenzene	3.961	4.153	-4.8	93	0.00
86	T	p-Isopropyltoluene	3.296	3.480	-5.6	94	0.00
87	T	1,3-Dichlorobenzene	1.683	1.693	-0.6	91	0.00
88	T	1,4-Dichlorobenzene	1.672	1.661	0.7	91	-0.01
89	T	n-Butylbenzene	3.101	3.264	-5.3	94	0.00
90	T	Hexachloroethane	0.657	0.664	-1.1	91	0.00
91	T	1,2-Dichlorobenzene	1.483	1.460	1.6	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.095	5.9	85	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.820	2.1	89	0.00
94	T	Hexachlorobutadiene	0.474	0.466	1.7	92	0.00
95	T	Naphthalene	1.515	1.465	3.3	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.698	3.6	88	0.00

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