Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022558.D
Acq On : 04 Jun 2025 18:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 05 04:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 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	76	-0.01
2	T	Dichlorodifluoromethane	0.448	0.404	9.8	74	0.00
3	P	Chloromethane	1.322	1.288	2.6	79	0.00
4	C	Vinyl Chloride	1.534	1.906	-24.3#	96	0.00
5	T	Bromomethane	1.470	1.446	1.6	88	-0.01
6	T	Chloroethane	1.053	1.348	-28.0#	106	-0.01
7	T	Trichlorofluoromethane	1.302	1.703	-30.8#	105	-0.02
8	T	Diethyl Ether	0.293	0.311	-6.1	81	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.543	1.1	76	-0.01
10	T	Methyl Iodide	0.594	0.588	1.0	69	-0.01
11	T	Tert butyl alcohol	0.040	0.045	-12.5	87	-0.02
12	CM	1,1-Dichloroethene	0.524	0.538	-2.7#	79	-0.02
13	T	Acrolein	0.050	0.036	28.0#	57	-0.01
14	T	Allyl chloride	0.823	0.819	0.5	77	-0.02
15	T	Acrylonitrile	0.124	0.133	-7.3	80	-0.01
16	T	Acetone	0.114	0.104	8.8	68	-0.01
17	T	Carbon Disulfide	1.679	1.655	1.4	75	-0.02
18	T	Methyl Acetate	0.336	0.394	-17.3	90	-0.02
19	T	Methyl tert-butyl Ether	1.477	1.574	-6.6	81	-0.01
20	T	Methylene Chloride	0.645	0.666	-3.3	88	-0.02
21	T	trans-1,2-Dichloroethene	0.587	0.611	-4.1	81	-0.02
22	T	Diisopropyl ether	1.832	1.893	-3.3	79	-0.01
23	T	Vinyl Acetate	1.084	1.097	-1.2	77	-0.02
24	P	1,1-Dichloroethane	1.079	1.159	-7.4	83	-0.02
25	T	2-Butanone	0.164	0.171	-4.3	77	-0.01
26	T	2,2-Dichloropropane	0.954	0.889	6.8	71	-0.01
27	T	cis-1,2-Dichloroethene	0.678	0.734	-8.3	81	-0.02
28	T	Bromochloromethane	0.471	0.494	-4.9	82	0.00
29	T	Tetrahydrofuran	0.106	0.113	-6.6	82	-0.01
30	C	Chloroform	1.069	1.159	-8.4#	83	-0.01
31	T	Cyclohexane	1.075	0.966	10.1	72	-0.01
32	T	1,1,1-Trichloroethane	0.949	0.995	-4.8	79	-0.01
33	S	1,2-Dichloroethane-d4	0.559	0.614	-9.8	79	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.298	0.316	-6.0	78	-0.01
36	T	1,1-Dichloropropene	0.484	0.472	2.5	77	-0.01
37	T	Ethyl Acetate	0.216	0.224	-3.7	78	-0.01
38	T	Carbon Tetrachloride	0.497	0.500	-0.6	78	-0.01
39	T	Methylcyclohexane	0.651	0.606	6.9	73	-0.01
40	TM	Benzene	1.431	1.488	-4.0	82	-0.01
41	T	Methacrylonitrile	0.126	0.128	-1.6	82	-0.01
42	TM	1,2-Dichloroethane	0.391	0.407	-4.1	83	-0.01
43	T	Isopropyl Acetate	0.467	0.472	-1.1	79	-0.01
44	TM	Trichloroethene	0.350	0.363	-3.7	81	0.00
45	C	1,2-Dichloropropane	0.338	0.353	-4.4#	82	-0.01
46	T	Dibromomethane	0.190	0.199	-4.7	82	0.00
47	T	Bromodichloromethane	0.482	0.512	-6.2	83	0.00
48	T	Methyl methacrylate	0.219	0.223	-1.8	80	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	92	-0.02
50	S	Toluene-d8	1.206	1.277	-5.9	79	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.248	-6.4	81	0.00
52	CM	Toluene	0.899	0.925	-2.9#	82	-0.01
53	T	t-1,3-Dichloropropene	0.452	0.457	-1.1	79	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.542	-3.0	80	0.00
55	T	1,1,2-Trichloroethane	0.243	0.257	-5.8	85	0.00
56	T	Ethyl methacrylate	0.351	0.369	-5.1	81	-0.01
57	T	1,3-Dichloropropane	0.430	0.452	-5.1	83	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.185	-16.4	92	0.00
59	T	2-Hexanone	0.156	0.164	-5.1	81	0.00
60	T	Dibromochloromethane	0.308	0.323	-4.9	82	0.00
61	T	1,2-Dibromoethane	0.221	0.232	-5.0	83	0.00
62	S	4-Bromofluorobenzene	0.359	0.382	-6.4	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64	T	Tetrachloroethene	0.430	0.465	-8.1	86	-0.01
65	PM	Chlorobenzene	1.106	1.135	-2.6	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.386	-3.5	82	0.00
67	C	Ethyl Benzene	2.052	2.063	-0.5#	80	0.00
68	T	m/p-Xylenes	0.778	0.792	-1.8	82	-0.01
69	T	o-Xylene	0.729	0.752	-3.2	83	0.00
70	T	Styrene	1.206	1.259	-4.4	83	0.00
71	P	Bromoform	0.198	0.198	0.0	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	4.105	3.933	4.2	80	0.00
74	T	N-amyl acetate	1.036	1.023	1.3	80	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.636	5.6	78	0.00
76	T	1,2,3-Trichloropropane	0.572	0.617	-7.9	82	0.00
77	T	Bromobenzene	0.866	0.845	2.4	82	0.00
78	T	n-propylbenzene	5.014	4.850	3.3	80	0.00
79	T	2-Chlorotoluene	2.657	2.589	2.6	81	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.131	2.9	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.214	9.7	77	0.00
82	T	4-Chlorotoluene	2.741	2.681	2.2	81	0.00
83	T	tert-Butylbenzene	2.893	2.779	3.9	80	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.147	2.4	82	0.00
85	T	sec-Butylbenzene	4.430	4.248	4.1	80	0.00
86	T	p-Isopropyltoluene	3.652	3.594	1.6	82	0.00
87	T	1,3-Dichlorobenzene	1.755	1.723	1.8	83	0.00
88	T	1,4-Dichlorobenzene	1.702	1.658	2.6	82	0.00
89	T	n-Butylbenzene	3.464	3.364	2.9	80	0.00
90	T	Hexachloroethane	0.711	0.708	0.4	83	0.00
91	T	1,2-Dichlorobenzene	1.490	1.487	0.2	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.102	-4.1	81	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.814	-0.1	84	0.00
94	T	Hexachlorobutadiene	0.449	0.431	4.0	81	0.00
95	T	Naphthalene	1.560	1.651	-5.8	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.703	-0.9	84	0.00

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