Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
Data File : VD080297.D
Acq On : 06 May 2025 16:43
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

Quant Time: May 07 03:40:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 03:36:54 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	92	0.00
2	T	Dichlorodifluoromethane	0.543	0.381	29.8#	90	0.00
3	P	Chloromethane	1.039	0.832	19.9	95	0.00
4	C	Vinyl Chloride	1.300	1.054	18.9#	91	0.00
5	T	Bromomethane	0.936	0.772	17.5	97	-0.01
6	T	Chloroethane	0.919	0.787	14.4	93	0.00
7	T	Trichlorofluoromethane	0.997	0.832	16.5	90	0.00
8	T	Diethyl Ether	0.308	0.287	6.8	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.490	20.2	86	-0.01
10	T	Methyl Iodide	0.626	0.607	3.0	94	0.00
11	T	Tert butyl alcohol	0.039	0.036	7.7	97	0.01
12	CM	1,1-Dichloroethene	0.605	0.506	16.4#	90	0.00
13	T	Acrolein	0.069	0.070	-1.4	103	0.00
14	T	Allyl chloride	0.952	0.892	6.3	97	0.00
15	T	Acrylonitrile	0.148	0.140	5.4	99	0.00
16	T	Acetone	0.119	0.102	14.3	97	0.00
17	T	Carbon Disulfide	2.102	1.781	15.3	93	0.00
18	T	Methyl Acetate	0.418	0.386	7.7	102	0.00
19	T	Methyl tert-butyl Ether	1.330	1.339	-0.7	99	0.00
20	T	Methylene Chloride	0.825	0.690	16.4	97	0.00
21	T	trans-1,2-Dichloroethene	0.658	0.607	7.8	95	0.00
22	T	Diisopropyl ether	1.961	1.962	-0.1	96	0.00
23	T	Vinyl Acetate	1.142	1.151	-0.8	95	0.00
24	P	1,1-Dichloroethane	1.234	1.141	7.5	95	0.00
25	T	2-Butanone	0.178	0.168	5.6	93	0.00
26	T	2,2-Dichloropropane	0.982	0.872	11.2	91	0.00
27	T	cis-1,2-Dichloroethene	0.729	0.710	2.6	99	0.00
28	T	Bromochloromethane	0.575	0.559	2.8	96	0.00
29	T	Tetrahydrofuran	0.116	0.114	1.7	95	0.00
30	C	Chloroform	1.231	1.171	4.9#	97	0.00
31	T	Cyclohexane	1.050	0.882	16.0	88	0.00
32	T	1,1,1-Trichloroethane	1.004	0.934	7.0	96	0.00
33	S	1,2-Dichloroethane-d4	0.647	0.675	-4.3	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35	S	Dibromofluoromethane	0.335	0.352	-5.1	102	0.00
36	T	1,1-Dichloropropene	0.501	0.461	8.0	94	0.00
37	T	Ethyl Acetate	0.262	0.237	9.5	94	0.00
38	T	Carbon Tetrachloride	0.522	0.455	12.8	90	0.00
39	T	Methylcyclohexane	0.581	0.499	14.1	89	0.00
40	TM	Benzene	1.569	1.462	6.8	97	0.00
41	T	Methacrylonitrile	0.145	0.147	-1.4	110	0.00
42	TM	1,2-Dichloroethane	0.455	0.422	7.3	97	0.00
43	T	Isopropyl Acetate	0.475	0.450	5.3	95	0.00
44	TM	Trichloroethene	0.364	0.333	8.5	97	0.00
45	C	1,2-Dichloropropane	0.402	0.385	4.2#	97	0.00
46	T	Dibromomethane	0.219	0.213	2.7	99	0.00
47	T	Bromodichloromethane	0.556	0.527	5.2	97	0.00
48	T	Methyl methacrylate	0.226	0.221	2.2	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	101	0.00
50	S	Toluene-d8	1.320	1.368	-3.6	99	0.00
51	T	4-Methyl-2-Pentanone	0.245	0.248	-1.2	97	0.00
52	CM	Toluene	0.945	0.909	3.8#	96	0.00
53	T	t-1,3-Dichloropropene	0.507	0.483	4.7	96	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.558	5.1	94	0.00
55	T	1,1,2-Trichloroethane	0.290	0.267	7.9	91	0.00
56	T	Ethyl methacrylate	0.351	0.349	0.6	93	0.00
57	T	1,3-Dichloropropane	0.482	0.468	2.9	98	0.00
58	T	2-Chloroethyl Vinyl ether	0.144	0.162	-12.5	101	0.00
59	T	2-Hexanone	0.168	0.170	-1.2	97	0.00
60	T	Dibromochloromethane	0.363	0.355	2.2	97	0.00
61	T	1,2-Dibromoethane	0.269	0.252	6.3	97	0.00
62	S	4-Bromofluorobenzene	0.424	0.443	-4.5	101	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.339	0.301	11.2	96	0.00
65	PM	Chlorobenzene	1.129	1.025	9.2	96	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.357	8.0	94	0.00
67	C	Ethyl Benzene	1.887	1.770	6.2#	96	0.00
68	T	m/p-Xylenes	0.733	0.694	5.3	94	0.00
69	T	o-Xylene	0.669	0.649	3.0	98	0.00
70	T	Styrene	1.202	1.172	2.5	97	0.00
71	P	Bromoform	0.230	0.211	8.3	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.243	2.977	8.2	93	0.00
74	T	N-amyl acetate	0.931	0.877	5.8	98	0.00
75	P	1,1,2,2-Tetrachloroethane	0.713	0.640	10.2	98	0.00
76	T	1,2,3-Trichloropropane	0.483	0.479	0.8	98	0.00
77	T	Bromobenzene	0.841	0.769	8.6	94	0.00
78	T	n-propylbenzene	4.070	3.801	6.6	93	0.00
79	T	2-Chlorotoluene	2.368	2.219	6.3	95	0.00
80	T	1,3,5-Trimethylbenzene	2.766	2.635	4.7	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.254	0.234	7.9	94	0.00
82	T	4-Chlorotoluene	2.556	2.378	7.0	97	0.00
83	T	tert-Butylbenzene	2.308	2.154	6.7	94	0.00
84	T	1,2,4-Trimethylbenzene	2.830	2.738	3.3	95	0.00
85	T	sec-Butylbenzene	3.560	3.319	6.8	93	0.00
86	T	p-Isopropyltoluene	2.992	2.846	4.9	93	0.00
87	T	1,3-Dichlorobenzene	1.755	1.608	8.4	96	0.00
88	T	1,4-Dichlorobenzene	1.769	1.579	10.7	95	0.00
89	T	n-Butylbenzene	2.904	2.649	8.8	91	0.00
90	T	Hexachloroethane	0.662	0.601	9.2	95	0.00
91	T	1,2-Dichlorobenzene	1.524	1.407	7.7	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.114	0.105	7.9	98	0.00
93	T	1,2,4-Trichlorobenzene	0.959	0.875	8.8	95	0.00
94	T	Hexachlorobutadiene	0.499	0.423	15.2	89	0.00
95	T	Naphthalene	1.800	1.672	7.1	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	0.781	8.9	94	0.00

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