Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
Data File : VD080299.D
Acq On : 13 May 2025 13:01
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 14 01:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 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	97	0.00
2	T	Dichlorodifluoromethane	0.543	0.373	31.3#	93	0.00
3	P	Chloromethane	1.039	0.748	28.0#	90	0.00
4	C	Vinyl Chloride	1.300	1.039	20.1#	94	0.00
5	T	Bromomethane	0.936	0.712	23.9	94	-0.01
6	T	Chloroethane	0.919	0.788	14.3	98	0.00
7	T	Trichlorofluoromethane	0.997	0.911	8.6	104	0.00
8	T	Diethyl Ether	0.308	0.260	15.6	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.541	11.9	100	-0.01
10	T	Methyl Iodide	0.626	0.589	5.9	96	-0.01
11	T	Tert butyl alcohol	0.039	0.032	17.9	89	0.01
12	CM	1,1-Dichloroethene	0.605	0.507	16.2#	95	-0.01
13	T	Acrolein	0.069	0.030	56.5#	46#	0.00
14	T	Allyl chloride	0.952	0.777	18.4	89	0.00
15	T	Acrylonitrile	0.148	0.125	15.5	93	0.00
16	T	Acetone	0.119	0.100	16.0	99	0.00
17	T	Carbon Disulfide	2.102	1.750	16.7	97	0.00
18	T	Methyl Acetate	0.418	0.331	20.8	92	0.00
19	T	Methyl tert-butyl Ether	1.330	1.238	6.9	96	0.00
20	T	Methylene Chloride	0.825	0.637	22.8	94	0.00
21	T	trans-1,2-Dichloroethene	0.658	0.591	10.2	98	0.00
22	T	Diisopropyl ether	1.961	1.814	7.5	94	0.00
23	T	Vinyl Acetate	1.142	1.056	7.5	92	0.00
24	P	1,1-Dichloroethane	1.234	1.099	10.9	96	-0.01
25	T	2-Butanone	0.178	0.156	12.4	90	0.00
26	T	2,2-Dichloropropane	0.982	0.919	6.4	101	0.00
27	T	cis-1,2-Dichloroethene	0.729	0.661	9.3	96	0.00
28	T	Bromochloromethane	0.575	0.511	11.1	92	0.00
29	T	Tetrahydrofuran	0.116	0.105	9.5	91	0.00
30	C	Chloroform	1.231	1.135	7.8#	99	0.00
31	T	Cyclohexane	1.050	0.910	13.3	96	0.00
32	T	1,1,1-Trichloroethane	1.004	0.956	4.8	103	0.00
33	S	1,2-Dichloroethane-d4	0.647	0.581	10.2	95	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.335	0.344	-2.7	94	0.00
36	T	1,1-Dichloropropene	0.501	0.507	-1.2	98	0.00
37	T	Ethyl Acetate	0.262	0.241	8.0	91	0.00
38	T	Carbon Tetrachloride	0.522	0.536	-2.7	100	0.00
39	T	Methylcyclohexane	0.581	0.600	-3.3	101	0.00
40	TM	Benzene	1.569	1.540	1.8	96	0.00
41	T	Methacrylonitrile	0.145	0.129	11.0	92	0.00
42	TM	1,2-Dichloroethane	0.455	0.454	0.2	98	0.00
43	T	Isopropyl Acetate	0.475	0.463	2.5	92	0.00
44	TM	Trichloroethene	0.364	0.375	-3.0	103	0.00
45	C	1,2-Dichloropropane	0.402	0.414	-3.0#	98	0.00
46	T	Dibromomethane	0.219	0.228	-4.1	100	0.00
47	T	Bromodichloromethane	0.556	0.573	-3.1	99	0.00
48	T	Methyl methacrylate	0.226	0.225	0.4	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	98	0.00
50	S	Toluene-d8	1.320	1.375	-4.2	95	0.00
51	T	4-Methyl-2-Pentanone	0.245	0.251	-2.4	92	0.00
52	CM	Toluene	0.945	0.982	-3.9#	98	0.00
53	T	t-1,3-Dichloropropene	0.507	0.503	0.8	94	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.594	-1.0	95	0.00
55	T	1,1,2-Trichloroethane	0.290	0.305	-5.2	98	0.00
56	T	Ethyl methacrylate	0.351	0.374	-6.6	94	0.00
57	T	1,3-Dichloropropane	0.482	0.496	-2.9	98	0.00
58	T	2-Chloroethyl Vinyl ether	0.144	0.157	-9.0	92	0.00
59	T	2-Hexanone	0.168	0.174	-3.6	93	0.00
60	T	Dibromochloromethane	0.363	0.377	-3.9	97	0.00
61	T	1,2-Dibromoethane	0.269	0.275	-2.2	100	0.00
62	S	4-Bromofluorobenzene	0.424	0.442	-4.2	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.339	0.347	-2.4	104	0.00
65	PM	Chlorobenzene	1.129	1.116	1.2	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.391	-0.8	97	0.00
67	C	Ethyl Benzene	1.887	1.970	-4.4#	100	0.00
68	T	m/p-Xylenes	0.733	0.786	-7.2	101	0.00
69	T	o-Xylene	0.669	0.707	-5.7	100	0.00
70	T	Styrene	1.202	1.284	-6.8	100	0.00
71	P	Bromoform	0.230	0.247	-7.4	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.243	3.195	1.5	98	0.00
74	T	N-amyl acetate	0.931	0.867	6.9	96	0.00
75	P	1,1,2,2-Tetrachloroethane	0.713	0.674	5.5	101	0.00
76	T	1,2,3-Trichloropropane	0.483	0.427	11.6	87	0.00
77	T	Bromobenzene	0.841	0.813	3.3	98	0.00
78	T	n-propylbenzene	4.070	4.228	-3.9	102	0.00
79	T	2-Chlorotoluene	2.368	2.357	0.5	100	0.00
80	T	1,3,5-Trimethylbenzene	2.766	2.887	-4.4	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.254	0.243	4.3	96	0.00
82	T	4-Chlorotoluene	2.556	2.535	0.8	101	0.00
83	T	tert-Butylbenzene	2.308	2.336	-1.2	101	0.00
84	T	1,2,4-Trimethylbenzene	2.830	2.921	-3.2	100	0.00
85	T	sec-Butylbenzene	3.560	3.607	-1.3	99	0.00
86	T	p-Isopropyltoluene	2.992	3.135	-4.8	101	0.00
87	T	1,3-Dichlorobenzene	1.755	1.673	4.7	99	0.00
88	T	1,4-Dichlorobenzene	1.769	1.661	6.1	99	0.00
89	T	n-Butylbenzene	2.904	2.986	-2.8	101	0.00
90	T	Hexachloroethane	0.662	0.644	2.7	101	0.00
91	T	1,2-Dichlorobenzene	1.524	1.485	2.6	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.114	0.103	9.6	95	0.00
93	T	1,2,4-Trichlorobenzene	0.959	0.928	3.2	99	0.00
94	T	Hexachlorobutadiene	0.499	0.481	3.6	100	0.00
95	T	Naphthalene	1.800	1.682	6.6	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	0.833	2.8	99	0.00

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