Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
Data File : VD080360.D
Acq On : 16 May 2025 09:59
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 17 01:15:08 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	92	0.00
2	T	Dichlorodifluoromethane	0.543	0.516	5.0	122	0.00
3	P	Chloromethane	1.039	0.882	15.1	101	0.00
4	C	Vinyl Chloride	1.300	1.102	15.2#	95	0.00
5	T	Bromomethane	0.936	0.819	12.5	103	0.00
6	T	Chloroethane	0.919	0.737	19.8	87	0.00
7	T	Trichlorofluoromethane	0.997	1.031	-3.4	112	0.01
8	T	Diethyl Ether	0.308	0.308	0.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.626	-2.0	110	0.00
10	T	Methyl Iodide	0.626	0.700	-11.8	109	0.00
11	T	Tert butyl alcohol	0.039	0.034	12.8	90	0.00
12	CM	1,1-Dichloroethene	0.605	0.610	-0.8#	109	0.00
13	T	Acrolein	0.069	0.052	24.6	76	0.00
14	T	Allyl chloride	0.952	0.913	4.1	99	0.00
15	T	Acrylonitrile	0.148	0.134	9.5	94	0.00
16	T	Acetone	0.119	0.135	-13.4	128	0.00
17	T	Carbon Disulfide	2.102	2.116	-0.7	111	0.00
18	T	Methyl Acetate	0.418	0.314	24.9	83	0.00
19	T	Methyl tert-butyl Ether	1.330	1.319	0.8	97	0.00
20	T	Methylene Chloride	0.825	0.724	12.2	101	0.00
21	T	trans-1,2-Dichloroethene	0.658	0.678	-3.0	107	0.00
22	T	Diisopropyl ether	1.961	1.941	1.0	95	0.00
23	T	Vinyl Acetate	1.142	1.125	1.5	93	0.00
24	P	1,1-Dichloroethane	1.234	1.198	2.9	100	0.00
25	T	2-Butanone	0.178	0.172	3.4	95	0.00
26	T	2,2-Dichloropropane	0.982	1.008	-2.6	105	0.00
27	T	cis-1,2-Dichloroethene	0.729	0.745	-2.2	103	0.00
28	T	Bromochloromethane	0.575	0.505	12.2	86	0.00
29	T	Tetrahydrofuran	0.116	0.106	8.6	88	0.00
30	C	Chloroform	1.231	1.182	4.0#	98	0.00
31	T	Cyclohexane	1.050	1.017	3.1	102	0.00
32	T	1,1,1-Trichloroethane	1.004	1.029	-2.5	105	0.00
33	S	1,2-Dichloroethane-d4	0.647	0.588	9.1	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.335	0.375	-11.9	98	0.00
36	T	1,1-Dichloropropene	0.501	0.560	-11.8	103	0.00
37	T	Ethyl Acetate	0.262	0.243	7.3	87	0.00
38	T	Carbon Tetrachloride	0.522	0.580	-11.1	103	0.00
39	T	Methylcyclohexane	0.581	0.655	-12.7	105	0.00
40	TM	Benzene	1.569	1.638	-4.4	98	0.00
41	T	Methacrylonitrile	0.145	0.116	20.0	79	0.00
42	TM	1,2-Dichloroethane	0.455	0.436	4.2	90	0.00
43	T	Isopropyl Acetate	0.475	0.448	5.7	85	0.00
44	TM	Trichloroethene	0.364	0.384	-5.5	100	0.00
45	C	1,2-Dichloropropane	0.402	0.410	-2.0#	93	0.00
46	T	Dibromomethane	0.219	0.224	-2.3	94	0.00
47	T	Bromodichloromethane	0.556	0.568	-2.2	94	0.00
48	T	Methyl methacrylate	0.226	0.220	2.7	87	0.00

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Quant Time: May 17 01:15:08 2025
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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.002	33.3#	83	0.00
50	S	Toluene-d8	1.320	1.416	-7.3	93	0.00
51	T	4-Methyl-2-Pentanone	0.245	0.236	3.7	83	0.00
52	CM	Toluene	0.945	1.002	-6.0#	95	0.00
53	T	t-1,3-Dichloropropene	0.507	0.497	2.0	89	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.609	-3.6	93	0.00
55	T	1,1,2-Trichloroethane	0.290	0.289	0.3	89	0.00
56	T	Ethyl methacrylate	0.351	0.370	-5.4	89	0.00
57	T	1,3-Dichloropropane	0.482	0.491	-1.9	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.144	0.157	-9.0	88	0.00
59	T	2-Hexanone	0.168	0.169	-0.6	87	0.00
60	T	Dibromochloromethane	0.363	0.370	-1.9	91	0.00
61	T	1,2-Dibromoethane	0.269	0.273	-1.5	94	0.00
62	S	4-Bromofluorobenzene	0.424	0.444	-4.7	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.339	0.368	-8.6	100	0.00
65	PM	Chlorobenzene	1.129	1.180	-4.5	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.401	-3.4	90	0.00
67	C	Ethyl Benzene	1.887	2.098	-11.2#	96	0.00
68	T	m/p-Xylenes	0.733	0.834	-13.8	96	0.00
69	T	o-Xylene	0.669	0.740	-10.6	95	0.00
70	T	Styrene	1.202	1.318	-9.7	92	0.00
71	P	Bromoform	0.230	0.235	-2.2	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	3.243	3.592	-10.8	96	0.00
74	T	N-amyl acetate	0.931	0.891	4.3	85	0.00
75	P	1,1,2,2-Tetrachloroethane	0.713	0.705	1.1	92	0.00
76	T	1,2,3-Trichloropropane	0.483	0.428	11.4	75	0.00
77	T	Bromobenzene	0.841	0.870	-3.4	90	0.00
78	T	n-propylbenzene	4.070	4.594	-12.9	96	0.00
79	T	2-Chlorotoluene	2.368	2.551	-7.7	93	0.00
80	T	1,3,5-Trimethylbenzene	2.766	3.137	-13.4	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.254	0.264	-3.9	90	0.00
82	T	4-Chlorotoluene	2.556	2.718	-6.3	94	0.00
83	T	tert-Butylbenzene	2.308	2.550	-10.5	95	0.00
84	T	1,2,4-Trimethylbenzene	2.830	3.160	-11.7	93	0.00
85	T	sec-Butylbenzene	3.560	4.066	-14.2	97	0.00
86	T	p-Isopropyltoluene	2.992	3.415	-14.1	95	0.00
87	T	1,3-Dichlorobenzene	1.755	1.828	-4.2	93	0.00
88	T	1,4-Dichlorobenzene	1.769	1.792	-1.3	92	0.00
89	T	n-Butylbenzene	2.904	3.315	-14.2	97	0.00
90	T	Hexachloroethane	0.662	0.692	-4.5	93	0.00
91	T	1,2-Dichlorobenzene	1.524	1.568	-2.9	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.114	0.108	5.3	86	0.00
93	T	1,2,4-Trichlorobenzene	0.959	0.987	-2.9	91	0.00
94	T	Hexachlorobutadiene	0.499	0.533	-6.8	96	0.00
95	T	Naphthalene	1.800	1.813	-0.7	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	0.879	-2.6	90	0.00

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