Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
Data File : VD080358.D
Acq On : 15 May 2025 19:28
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 16 03:03:59 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	109	0.00
2	T	Dichlorodifluoromethane	0.543	0.554	-2.0	155#	0.00
3	P	Chloromethane	1.039	0.757	27.1#	103	0.00
4	C	Vinyl Chloride	1.300	0.923	29.0#	94	0.00
5	T	Bromomethane	0.936	0.652	30.3#	97	0.00
6	T	Chloroethane	0.919	0.639	30.5#	89	0.00
7	T	Trichlorofluoromethane	0.997	0.961	3.6	123	0.00
8	T	Diethyl Ether	0.308	0.317	-2.9	127	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.610	0.7	127	0.00
10	T	Methyl Iodide	0.626	0.670	-7.0	123	0.00
11	T	Tert butyl alcohol	0.039	0.035	10.3	112	-0.01
12	CM	1,1-Dichloroethene	0.605	0.570	5.8#	120	0.00
13	T	Acrolein	0.069	0.020	71.0#	34#	0.00
14	T	Allyl chloride	0.952	0.875	8.1	112	0.00
15	T	Acrylonitrile	0.148	0.138	6.8	115	0.00
16	T	Acetone	0.119	0.103	13.4	115	0.00
17	T	Carbon Disulfide	2.102	1.984	5.6	123	0.00
18	T	Methyl Acetate	0.418	0.448	-7.2	140	0.00
19	T	Methyl tert-butyl Ether	1.330	1.411	-6.1	123	0.00
20	T	Methylene Chloride	0.825	0.762	7.6	126	0.00
21	T	trans-1,2-Dichloroethene	0.658	0.661	-0.5	123	0.00
22	T	Diisopropyl ether	1.961	1.955	0.3	114	0.00
23	T	Vinyl Acetate	1.142	1.086	4.9	106	0.00
24	P	1,1-Dichloroethane	1.234	1.208	2.1	119	0.00
25	T	2-Butanone	0.178	0.170	4.5	111	0.00
26	T	2,2-Dichloropropane	0.982	0.930	5.3	115	0.00
27	T	cis-1,2-Dichloroethene	0.729	0.753	-3.3	124	0.00
28	T	Bromochloromethane	0.575	0.490	14.8	99	0.00
29	T	Tetrahydrofuran	0.116	0.114	1.7	112	0.00
30	C	Chloroform	1.231	1.237	-0.5#	121	0.00
31	T	Cyclohexane	1.050	0.970	7.6	115	0.00
32	T	1,1,1-Trichloroethane	1.004	0.998	0.6	121	0.00
33	S	1,2-Dichloroethane-d4	0.647	0.624	3.6	115	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.335	0.362	-8.1	117	0.00
36	T	1,1-Dichloropropene	0.501	0.535	-6.8	122	0.00
37	T	Ethyl Acetate	0.262	0.236	9.9	105	0.00
38	T	Carbon Tetrachloride	0.522	0.543	-4.0	119	0.00
39	T	Methylcyclohexane	0.581	0.616	-6.0	122	0.00
40	TM	Benzene	1.569	1.629	-3.8	120	0.00
41	T	Methacrylonitrile	0.145	0.171	-17.9	143	0.03
42	TM	1,2-Dichloroethane	0.455	0.452	0.7	116	0.00
43	T	Isopropyl Acetate	0.475	0.459	3.4	108	0.00
44	TM	Trichloroethene	0.364	0.383	-5.2	124	0.00
45	C	1,2-Dichloropropane	0.402	0.413	-2.7#	116	0.00
46	T	Dibromomethane	0.219	0.231	-5.5	119	0.00
47	T	Bromodichloromethane	0.556	0.586	-5.4	120	0.00
48	T	Methyl methacrylate	0.226	0.236	-4.4	115	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	113	0.00
50	S	Toluene-d8	1.320	1.406	-6.5	114	0.00
51	T	4-Methyl-2-Pentanone	0.245	0.252	-2.9	109	0.00
52	CM	Toluene	0.945	1.011	-7.0#	119	0.00
53	T	t-1,3-Dichloropropene	0.507	0.533	-5.1	118	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.617	-4.9	116	0.00
55	T	1,1,2-Trichloroethane	0.290	0.305	-5.2	116	0.00
56	T	Ethyl methacrylate	0.351	0.386	-10.0	114	0.00
57	T	1,3-Dichloropropane	0.482	0.516	-7.1	120	0.00
58	T	2-Chloroethyl Vinyl ether	0.144	0.167	-16.0	116	0.00
59	T	2-Hexanone	0.168	0.171	-1.8	108	0.00
60	T	Dibromochloromethane	0.363	0.386	-6.3	118	0.00
61	T	1,2-Dibromoethane	0.269	0.289	-7.4	124	0.00
62	S	4-Bromofluorobenzene	0.424	0.458	-8.0	116	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.339	0.356	-5.0	123	0.00
65	PM	Chlorobenzene	1.129	1.175	-4.1	119	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.407	-4.9	116	0.00
67	C	Ethyl Benzene	1.887	2.029	-7.5#	119	0.00
68	T	m/p-Xylenes	0.733	0.784	-7.0	115	0.00
69	T	o-Xylene	0.669	0.736	-10.0	120	0.00
70	T	Styrene	1.202	1.302	-8.3	116	0.00
71	P	Bromoform	0.230	0.238	-3.5	118	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.243	3.535	-9.0	117	0.00
74	T	N-amyl acetate	0.931	0.895	3.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.713	0.721	-1.1	116	0.00
76	T	1,2,3-Trichloropropane	0.483	0.572	-18.4	124	0.00
77	T	Bromobenzene	0.841	0.906	-7.7	117	0.00
78	T	n-propylbenzene	4.070	4.456	-9.5	115	0.00
79	T	2-Chlorotoluene	2.368	2.580	-9.0	117	0.00
80	T	1,3,5-Trimethylbenzene	2.766	3.048	-10.2	116	0.00
81	T	trans-1,4-Dichloro-2-butene	0.254	0.252	0.8	107	0.00
82	T	4-Chlorotoluene	2.556	2.694	-5.4	116	0.00
83	T	tert-Butylbenzene	2.308	2.523	-9.3	117	0.00
84	T	1,2,4-Trimethylbenzene	2.830	3.128	-10.5	115	0.00
85	T	sec-Butylbenzene	3.560	3.876	-8.9	115	0.00
86	T	p-Isopropyltoluene	2.992	3.252	-8.7	113	0.00
87	T	1,3-Dichlorobenzene	1.755	1.798	-2.5	114	0.00
88	T	1,4-Dichlorobenzene	1.769	1.733	2.0	111	0.00
89	T	n-Butylbenzene	2.904	3.125	-7.6	113	0.00
90	T	Hexachloroethane	0.662	0.685	-3.5	115	0.00
91	T	1,2-Dichlorobenzene	1.524	1.576	-3.4	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.114	0.115	-0.9	114	0.00
93	T	1,2,4-Trichlorobenzene	0.959	1.004	-4.7	115	0.00
94	T	Hexachlorobutadiene	0.499	0.523	-4.8	117	0.00
95	T	Naphthalene	1.800	1.973	-9.6	123	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	0.910	-6.2	116	0.00

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