Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
Data File : VD080315.D
Acq On : 13 May 2025 21:36
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 14 01:37:44 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	69	0.00
2	T	Dichlorodifluoromethane	0.543	0.454	16.4	81	0.00
3	P	Chloromethane	1.039	0.903	13.1	78	0.00
4	C	Vinyl Chloride	1.300	1.278	1.7#	83	0.00
5	T	Bromomethane	0.936	0.907	3.1	86	-0.01
6	T	Chloroethane	0.919	0.963	-4.8	86	0.00
7	T	Trichlorofluoromethane	0.997	1.019	-2.2	83	0.00
8	T	Diethyl Ether	0.308	0.330	-7.1	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.625	-1.8	82	-0.01
10	T	Methyl Iodide	0.626	0.684	-9.3	80	0.00
11	T	Tert butyl alcohol	0.039	0.040	-2.6	80	0.00
12	CM	1,1-Dichloroethene	0.605	0.584	3.5#	78	0.00
13	T	Acrolein	0.069	0.033	52.2#	37#	0.00
14	T	Allyl chloride	0.952	0.852	10.5	69	0.00
15	T	Acrylonitrile	0.148	0.145	2.0	77	0.00
16	T	Acetone	0.119	0.110	7.6	78	0.00
17	T	Carbon Disulfide	2.102	1.914	8.9	75	0.00
18	T	Methyl Acetate	0.418	0.500	-19.6	99	0.00
19	T	Methyl tert-butyl Ether	1.330	1.518	-14.1	84	0.00
20	T	Methylene Chloride	0.825	0.782	5.2	82	-0.01
21	T	trans-1,2-Dichloroethene	0.658	0.683	-3.8	81	0.00
22	T	Diisopropyl ether	1.961	2.061	-5.1	76	0.00
23	T	Vinyl Acetate	1.142	1.114	2.5	69	0.00
24	P	1,1-Dichloroethane	1.234	1.279	-3.6	80	0.00
25	T	2-Butanone	0.178	0.161	9.6	67	0.00
26	T	2,2-Dichloropropane	0.982	0.862	12.2	68	0.00
27	T	cis-1,2-Dichloroethene	0.729	0.768	-5.3	80	0.00
28	T	Bromochloromethane	0.575	0.527	8.3	68	0.00
29	T	Tetrahydrofuran	0.116	0.109	6.0	68	0.00
30	C	Chloroform	1.231	1.241	-0.8#	77	0.00
31	T	Cyclohexane	1.050	0.811	22.8	61	0.00
32	T	1,1,1-Trichloroethane	1.004	1.012	-0.8	78	0.00
33	S	1,2-Dichloroethane-d4	0.647	0.643	0.6	75	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35	S	Dibromofluoromethane	0.335	0.383	-14.3	80	0.00
36	T	1,1-Dichloropropene	0.501	0.489	2.4	72	0.00
37	T	Ethyl Acetate	0.262	0.233	11.1	67	0.00
38	T	Carbon Tetrachloride	0.522	0.523	-0.2	75	0.00
39	T	Methylcyclohexane	0.581	0.589	-1.4	76	0.00
40	TM	Benzene	1.569	1.520	3.1	73	0.00
41	T	Methacrylonitrile	0.145	0.121	16.6	66	0.00
42	TM	1,2-Dichloroethane	0.455	0.456	-0.2	76	0.00
43	T	Isopropyl Acetate	0.475	0.442	6.9	68	0.00
44	TM	Trichloroethene	0.364	0.385	-5.8	81	0.00
45	C	1,2-Dichloropropane	0.402	0.447	-11.2#	81	0.00
46	T	Dibromomethane	0.219	0.268	-22.4	90	0.00
47	T	Bromodichloromethane	0.556	0.638	-14.7	85	0.00
48	T	Methyl methacrylate	0.226	0.248	-9.7	79	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	87	0.00
50	S	Toluene-d8	1.320	1.397	-5.8	74	0.00
51	T	4-Methyl-2-Pentanone	0.245	0.239	2.4	68	0.00
52	CM	Toluene	0.945	0.967	-2.3#	74	0.00
53	T	t-1,3-Dichloropropene	0.507	0.573	-13.0	83	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.584	0.7	72	0.00
55	T	1,1,2-Trichloroethane	0.290	0.355	-22.4	88	0.00
56	T	Ethyl methacrylate	0.351	0.418	-19.1	81	0.00
57	T	1,3-Dichloropropane	0.482	0.562	-16.6	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.144	0.165	-14.6	74	0.00
59	T	2-Hexanone	0.168	0.175	-4.2	72	0.00
60	T	Dibromochloromethane	0.363	0.416	-14.6	82	0.00
61	T	1,2-Dibromoethane	0.269	0.303	-12.6	85	0.00
62	S	4-Bromofluorobenzene	0.424	0.504	-18.9	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64	T	Tetrachloroethene	0.339	0.363	-7.1	85	0.00
65	PM	Chlorobenzene	1.129	1.157	-2.5	80	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.424	-9.3	82	0.00
67	C	Ethyl Benzene	1.887	1.932	-2.4#	77	0.00
68	T	m/p-Xylenes	0.733	0.758	-3.4	76	0.00
69	T	o-Xylene	0.669	0.815	-21.8	91	0.00
70	T	Styrene	1.202	1.484	-23.5	90	0.00
71	P	Bromoform	0.230	0.273	-18.7	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.243	2.894	10.8	84	0.00
74	T	N-amyl acetate	0.931	0.753	19.1	78	0.00
75	P	1,1,2,2-Tetrachloroethane	0.713	0.582	18.4	82	0.00
76	T	1,2,3-Trichloropropane	0.483	0.449	7.0	86	0.00
77	T	Bromobenzene	0.841	0.728	13.4	82	0.00
78	T	n-propylbenzene	4.070	3.362	17.4	76	0.00
79	T	2-Chlorotoluene	2.368	1.942	18.0	77	0.00
80	T	1,3,5-Trimethylbenzene	2.766	2.357	14.8	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.254	0.219	13.8	81	0.00
82	T	4-Chlorotoluene	2.556	2.089	18.3	79	0.00
83	T	tert-Butylbenzene	2.308	2.006	13.1	81	0.00
84	T	1,2,4-Trimethylbenzene	2.830	2.537	10.4	81	0.00
85	T	sec-Butylbenzene	3.560	3.436	3.5	89	0.00
86	T	p-Isopropyltoluene	2.992	2.951	1.4	89	0.00
87	T	1,3-Dichlorobenzene	1.755	1.700	3.1	95	0.00
88	T	1,4-Dichlorobenzene	1.769	1.649	6.8	92	0.00
89	T	n-Butylbenzene	2.904	2.749	5.3	87	0.00
90	T	Hexachloroethane	0.662	0.644	2.7	95	0.00
91	T	1,2-Dichlorobenzene	1.524	1.495	1.9	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.114	0.105	7.9	90	0.00
93	T	1,2,4-Trichlorobenzene	0.959	0.801	16.5	80	0.00
94	T	Hexachlorobutadiene	0.499	0.430	13.8	84	0.00
95	T	Naphthalene	1.800	1.556	13.6	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	0.770	10.2	86	0.00

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