Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
Data File : VD080262.D
Acq On : 07 Feb 2025 16:37
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 07 23:35:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 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	0.591	0.409	30.8#	79	0.00
3	P	Chloromethane	1.042	0.762	26.9#	71	0.00
4	C	Vinyl Chloride	1.260	1.009	19.9#	78	-0.01
5	T	Bromomethane	0.972	0.713	26.6#	79	-0.01
6	T	Chloroethane	0.839	0.762	9.2	87	0.00
7	T	Trichlorofluoromethane	1.044	0.920	11.9	87	-0.01
8	T	Diethyl Ether	0.286	0.255	10.8	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.604	0.557	7.8	94	-0.01
10	T	Methyl Iodide	0.432	0.554	-28.2#	95	0.00
11	T	Tert butyl alcohol	0.036	0.035	2.8	89	0.00
12	CM	1,1-Dichloroethene	0.573	0.514	10.3#	88	-0.01
13	T	Acrolein	0.068	0.046	32.4#	63	-0.01
14	T	Allyl chloride	0.882	0.785	11.0	81	-0.01
15	T	Acrylonitrile	0.137	0.129	5.8	79	0.00
16	T	Acetone	0.105	0.097	7.6	95	0.00
17	T	Carbon Disulfide	2.065	1.727	16.4	83	0.00
18	T	Methyl Acetate	0.354	0.357	-0.8	93	0.00
19	T	Methyl tert-butyl Ether	1.261	1.218	3.4	82	0.00
20	T	Methylene Chloride	0.711	0.629	11.5	86	0.00
21	T	trans-1,2-Dichloroethene	0.650	0.597	8.2	80	0.00
22	T	Diisopropyl ether	1.836	1.794	2.3	80	0.00
23	T	Vinyl Acetate	1.060	1.050	0.9	80	0.00
24	P	1,1-Dichloroethane	1.204	1.087	9.7	81	0.00
25	T	2-Butanone	0.163	0.160	1.8	89	0.00
26	T	2,2-Dichloropropane	1.044	0.929	11.0	85	0.00
27	T	cis-1,2-Dichloroethene	0.735	0.688	6.4	87	0.00
28	T	Bromochloromethane	0.549	0.510	7.1	84	0.00
29	T	Tetrahydrofuran	0.106	0.106	0.0	89	0.00
30	C	Chloroform	1.231	1.185	3.7#	93	0.00
31	T	Cyclohexane	0.964	0.840	12.9	87	0.00
32	T	1,1,1-Trichloroethane	1.030	0.998	3.1	95	0.00
33	S	1,2-Dichloroethane-d4	0.650	0.523	19.5	77	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.354	0.337	4.8	84	0.00
36	T	1,1-Dichloropropene	0.508	0.528	-3.9	89	0.00
37	T	Ethyl Acetate	0.249	0.256	-2.8	87	0.00
38	T	Carbon Tetrachloride	0.530	0.546	-3.0	89	0.00
39	T	Methylcyclohexane	0.551	0.585	-6.2	93	0.00
40	TM	Benzene	1.591	1.608	-1.1	84	0.00
41	T	Methacrylonitrile	0.137	0.127	7.3	80	0.00
42	TM	1,2-Dichloroethane	0.453	0.464	-2.4	88	0.00
43	T	Isopropyl Acetate	0.442	0.489	-10.6	95	0.00
44	TM	Trichloroethene	0.368	0.389	-5.7	92	0.00
45	C	1,2-Dichloropropane	0.400	0.414	-3.5#	88	0.00
46	T	Dibromomethane	0.223	0.246	-10.3	91	0.00
47	T	Bromodichloromethane	0.562	0.603	-7.3	92	0.00
48	T	Methyl methacrylate	0.204	0.216	-5.9	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	83	0.00
50	S	Toluene-d8	1.314	1.256	4.4	77	0.00
51	T	4-Methyl-2-Pentanone	0.223	0.255	-14.3	90	0.00
52	CM	Toluene	0.931	1.016	-9.1#	92	0.00
53	T	t-1,3-Dichloropropene	0.479	0.529	-10.4	97	0.00
54	T	cis-1,3-Dichloropropene	0.583	0.611	-4.8	83	0.00
55	T	1,1,2-Trichloroethane	0.290	0.315	-8.6	99	0.00
56	T	Ethyl methacrylate	0.331	0.392	-18.4	99	0.00
57	T	1,3-Dichloropropane	0.479	0.526	-9.8	97	0.00
58	T	2-Chloroethyl Vinyl ether	0.141	0.143	-1.4	73	0.00
59	T	2-Hexanone	0.147	0.181	-23.1	105	0.00
60	T	Dibromochloromethane	0.357	0.403	-12.9	99	0.00
61	T	1,2-Dibromoethane	0.264	0.293	-11.0	99	0.00
62	S	4-Bromofluorobenzene	0.422	0.409	3.1	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64	T	Tetrachloroethene	0.349	0.353	-1.1	98	0.00
65	PM	Chlorobenzene	1.146	1.121	2.2	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.401	0.414	-3.2	88	0.00
67	C	Ethyl Benzene	1.907	1.979	-3.8#	86	0.00
68	T	m/p-Xylenes	0.740	0.780	-5.4	92	0.00
69	T	o-Xylene	0.675	0.712	-5.5	91	0.00
70	T	Styrene	1.201	1.299	-8.2	91	0.00
71	P	Bromoform	0.236	0.254	-7.6	88	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.382	3.246	4.0	91	0.00
74	T	N-amyl acetate	0.889	0.863	2.9	94	0.00
75	P	1,1,2,2-Tetrachloroethane	0.704	0.693	1.6	96	0.00
76	T	1,2,3-Trichloropropane	0.506	0.455	10.1	94	0.00
77	T	Bromobenzene	0.872	0.832	4.6	94	0.00
78	T	n-propylbenzene	4.306	4.214	2.1	90	0.00
79	T	2-Chlorotoluene	2.446	2.394	2.1	93	0.00
80	T	1,3,5-Trimethylbenzene	2.828	2.891	-2.2	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.247	0.253	-2.4	97	0.00
82	T	4-Chlorotoluene	2.600	2.591	0.3	96	0.00
83	T	tert-Butylbenzene	2.312	2.326	-0.6	99	0.00
84	T	1,2,4-Trimethylbenzene	2.879	2.967	-3.1	90	0.00
85	T	sec-Butylbenzene	3.535	3.634	-2.8	99	0.00
86	T	p-Isopropyltoluene	3.019	3.113	-3.1	100	0.00
87	T	1,3-Dichlorobenzene	1.718	1.729	-0.6	100	0.00
88	T	1,4-Dichlorobenzene	1.739	1.705	2.0	99	0.00
89	T	n-Butylbenzene	2.934	2.938	-0.1	99	0.00
90	T	Hexachloroethane	0.671	0.644	4.0	97	0.00
91	T	1,2-Dichlorobenzene	1.514	1.523	-0.6	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.112	0.105	6.3	84	0.00
93	T	1,2,4-Trichlorobenzene	0.965	0.909	5.8	86	0.00
94	T	Hexachlorobutadiene	0.523	0.486	7.1	88	0.00
95	T	Naphthalene	1.731	1.693	2.2	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.871	0.832	4.5	85	0.00

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