Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
Data File : VD080255.D
Acq On : 07 Feb 2025 11:07
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 07 23:27:38 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	104	0.00
2	T	Dichlorodifluoromethane	0.591	0.462	21.8	100	0.00
3	P	Chloromethane	1.042	0.883	15.3	93	0.00
4	C	Vinyl Chloride	1.260	1.116	11.4#	97	0.00
5	T	Bromomethane	0.972	0.757	22.1	94	0.00
6	T	Chloroethane	0.839	0.765	8.8	98	0.00
7	T	Trichlorofluoromethane	1.044	0.991	5.1	105	0.00
8	T	Diethyl Ether	0.286	0.281	1.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.604	0.611	-1.2	116	0.00
10	T	Methyl Iodide	0.432	0.650	-50.5#	125	0.00
11	T	Tert butyl alcohol	0.036	0.032	11.1	92	0.00
12	CM	1,1-Dichloroethene	0.573	0.590	-3.0#	114	0.00
13	T	Acrolein	0.068	0.052	23.5	80	0.00
14	T	Allyl chloride	0.882	0.928	-5.2	108	0.00
15	T	Acrylonitrile	0.137	0.131	4.4	91	0.00
16	T	Acetone	0.105	0.112	-6.7	123	0.00
17	T	Carbon Disulfide	2.065	1.963	4.9	106	0.00
18	T	Methyl Acetate	0.354	0.358	-1.1	105	-0.01
19	T	Methyl tert-butyl Ether	1.261	1.259	0.2	95	0.00
20	T	Methylene Chloride	0.711	0.684	3.8	105	0.00
21	T	trans-1,2-Dichloroethene	0.650	0.667	-2.6	100	0.00
22	T	Diisopropyl ether	1.836	2.004	-9.2	100	0.00
23	T	Vinyl Acetate	1.060	1.112	-4.9	96	0.00
24	P	1,1-Dichloroethane	1.204	1.222	-1.5	102	0.00
25	T	2-Butanone	0.163	0.162	0.6	101	0.00
26	T	2,2-Dichloropropane	1.044	1.021	2.2	105	0.00
27	T	cis-1,2-Dichloroethene	0.735	0.758	-3.1	108	0.00
28	T	Bromochloromethane	0.549	0.490	10.7	91	0.00
29	T	Tetrahydrofuran	0.106	0.101	4.7	94	0.00
30	C	Chloroform	1.231	1.272	-3.3#	112	0.00
31	T	Cyclohexane	0.964	0.981	-1.8	114	0.00
32	T	1,1,1-Trichloroethane	1.030	1.064	-3.3	114	0.00
33	S	1,2-Dichloroethane-d4	0.650	0.562	13.5	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.354	0.344	2.8	98	0.00
36	T	1,1-Dichloropropene	0.508	0.568	-11.8	111	0.00
37	T	Ethyl Acetate	0.249	0.254	-2.0	100	0.00
38	T	Carbon Tetrachloride	0.530	0.584	-10.2	110	0.00
39	T	Methylcyclohexane	0.551	0.655	-18.9	120	0.00
40	TM	Benzene	1.591	1.705	-7.2	103	0.00
41	T	Methacrylonitrile	0.137	0.146	-6.6	106	0.00
42	TM	1,2-Dichloroethane	0.453	0.473	-4.4	104	0.00
43	T	Isopropyl Acetate	0.442	0.452	-2.3	101	0.00
44	TM	Trichloroethene	0.368	0.409	-11.1	112	0.00
45	C	1,2-Dichloropropane	0.400	0.441	-10.2#	108	0.00
46	T	Dibromomethane	0.223	0.236	-5.8	101	0.00
47	T	Bromodichloromethane	0.562	0.615	-9.4	108	0.00
48	T	Methyl methacrylate	0.204	0.226	-10.8	104	0.00

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Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 07 23:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 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	0.002	0.002	0.0	90	0.00
50	S	Toluene-d8	1.314	1.322	-0.6	94	0.00
51	T	4-Methyl-2-Pentanone	0.223	0.242	-8.5	99	0.00
52	CM	Toluene	0.931	1.055	-13.3#	111	0.00
53	T	t-1,3-Dichloropropene	0.479	0.538	-12.3	114	0.00
54	T	cis-1,3-Dichloropropene	0.583	0.649	-11.3	101	0.00
55	T	1,1,2-Trichloroethane	0.290	0.302	-4.1	110	0.00
56	T	Ethyl methacrylate	0.331	0.374	-13.0	110	0.00
57	T	1,3-Dichloropropane	0.479	0.520	-8.6	111	0.00
58	T	2-Chloroethyl Vinyl ether	0.141	0.143	-1.4	85	0.00
59	T	2-Hexanone	0.147	0.168	-14.3	114	0.00
60	T	Dibromochloromethane	0.357	0.392	-9.8	111	0.00
61	T	1,2-Dibromoethane	0.264	0.284	-7.6	111	0.00
62	S	4-Bromofluorobenzene	0.422	0.429	-1.7	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64	T	Tetrachloroethene	0.349	0.384	-10.0	119	0.00
65	PM	Chlorobenzene	1.146	1.227	-7.1	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.401	0.438	-9.2	104	0.00
67	C	Ethyl Benzene	1.907	2.199	-15.3#	106	0.00
68	T	m/p-Xylenes	0.740	0.860	-16.2	113	0.00
69	T	o-Xylene	0.675	0.784	-16.1	112	0.00
70	T	Styrene	1.201	1.393	-16.0	109	0.00
71	P	Bromoform	0.236	0.245	-3.8	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73	T	Isopropylbenzene	3.382	3.724	-10.1	113	0.00
74	T	N-amyl acetate	0.889	0.878	1.2	103	0.00
75	P	1,1,2,2-Tetrachloroethane	0.704	0.691	1.8	103	0.00
76	T	1,2,3-Trichloropropane	0.506	0.464	8.3	104	0.00
77	T	Bromobenzene	0.872	0.895	-2.6	109	0.00
78	T	n-propylbenzene	4.306	4.758	-10.5	109	0.00
79	T	2-Chlorotoluene	2.446	2.673	-9.3	112	0.00
80	T	1,3,5-Trimethylbenzene	2.828	3.189	-12.8	115	0.00
81	T	trans-1,4-Dichloro-2-butene	0.247	0.250	-1.2	104	0.00
82	T	4-Chlorotoluene	2.600	2.879	-10.7	115	0.00
83	T	tert-Butylbenzene	2.312	2.726	-17.9	126	0.00
84	T	1,2,4-Trimethylbenzene	2.879	3.296	-14.5	108	0.00
85	T	sec-Butylbenzene	3.535	4.168	-17.9	123	0.00
86	T	p-Isopropyltoluene	3.019	3.535	-17.1	123	0.00
87	T	1,3-Dichlorobenzene	1.718	1.869	-8.8	117	0.00
88	T	1,4-Dichlorobenzene	1.739	1.840	-5.8	115	0.00
89	T	n-Butylbenzene	2.934	3.443	-17.3	126	0.00
90	T	Hexachloroethane	0.671	0.707	-5.4	114	0.00
91	T	1,2-Dichlorobenzene	1.514	1.607	-6.1	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.112	0.102	8.9	88	0.00
93	T	1,2,4-Trichlorobenzene	0.965	1.011	-4.8	103	0.00
94	T	Hexachlorobutadiene	0.523	0.562	-7.5	110	0.00
95	T	Naphthalene	1.731	1.716	0.9	95	0.00

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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)
96 T	1,2,3-Trichlorobenzene	0.871	0.894	-2.6	99	0.00

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