Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
Data File : VD075315.D
Acq On : 10 Feb 2023 17:25
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 10 23:41:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
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	79	0.00
2	T	Dichlorodifluoromethane	0.453	0.382	15.7	74	0.00
3	P	Chloromethane	0.829	0.690	16.8	77	0.00
4	C	Vinyl Chloride	0.832	0.757	9.0#	75	0.00
5	T	Bromomethane	0.532	0.458	13.9	79	0.00
6	T	Chloroethane	0.574	0.522	9.1	77	0.00
7	T	Trichlorofluoromethane	1.034	0.985	4.7	78	0.00
8	T	Diethyl Ether	0.278	0.286	-2.9	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.587	0.594	-1.2	81	0.00
10	T	Methyl Iodide	0.643	0.667	-3.7	74	0.00
11	T	Tert butyl alcohol	0.037	0.028	24.3	73	0.00
12	CM	1,1-Dichloroethene	0.560	0.562	-0.4#	81	0.00
13	T	Acrolein	0.023	0.023	0.0	115	0.00
14	T	Allyl chloride	0.931	0.946	-1.6	84	0.00
15	T	Acrylonitrile	0.131	0.140	-6.9	86	0.00
16	T	Acetone	0.155	0.155	0.0	73	0.00
17	T	Carbon Disulfide	1.726	1.616	6.4	78	0.00
18	T	Methyl Acetate	0.446	0.438	1.8	86	0.00
19	T	Methyl tert-butyl Ether	1.285	1.367	-6.4	84	0.00
20	T	Methylene Chloride	0.801	0.758	5.4	88	0.00
21	T	trans-1,2-Dichloroethene	0.633	0.650	-2.7	81	0.00
22	T	Diisopropyl ether	1.852	2.019	-9.0	85	0.00
23	T	Vinyl Acetate	0.562	0.688	-22.4	92	0.00
24	P	1,1-Dichloroethane	1.155	1.234	-6.8	86	0.00
25	T	2-Butanone	0.192	0.195	-1.6	78	0.00
26	T	2,2-Dichloropropane	1.022	1.030	-0.8	80	0.00
27	T	cis-1,2-Dichloroethene	0.708	0.741	-4.7	84	0.00
28	T	Bromochloromethane	0.324	0.319	1.5	89	0.00
29	T	Tetrahydrofuran	0.103	0.113	-9.7	85	0.00
30	C	Chloroform	1.188	1.283	-8.0#	87	0.00
31	T	Cyclohexane	1.041	1.008	3.2	81	0.00
32	T	1,1,1-Trichloroethane	1.063	1.108	-4.2	83	0.00
33	S	1,2-Dichloroethane-d4	0.586	0.616	-5.1	90	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.351	0.366	-4.3	86	0.00
36	T	1,1-Dichloropropene	0.546	0.569	-4.2	82	0.00
37	T	Ethyl Acetate	0.238	0.254	-6.7	92	0.00
38	T	Carbon Tetrachloride	0.506	0.534	-5.5	82	0.00
39	T	Methylcyclohexane	0.632	0.632	0.0	76	0.00
40	TM	Benzene	1.535	1.612	-5.0	83	0.00
41	T	Methacrylonitrile	0.142	0.120	15.5	74	-0.01
42	TM	1,2-Dichloroethane	0.444	0.479	-7.9	86	0.00
43	T	Isopropyl Acetate	0.455	0.491	-7.9	87	0.00
44	TM	Trichloroethene	0.423	0.426	-0.7	80	0.00
45	C	1,2-Dichloropropane	0.390	0.414	-6.2#	85	0.00
46	T	Dibromomethane	0.216	0.238	-10.2	90	0.00
47	T	Bromodichloromethane	0.538	0.575	-6.9	84	0.00
48	T	Methyl methacrylate	0.216	0.248	-14.8	88	0.00

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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	69	0.00
50	S	Toluene-d8	1.330	1.343	-1.0	83	0.00
51	T	4-Methyl-2-Pentanone	0.230	0.255	-10.9	85	0.00
52	CM	Toluene	0.967	1.033	-6.8#	82	0.00
53	T	t-1,3-Dichloropropene	0.466	0.527	-13.1	87	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.620	-11.3	85	0.00
55	T	1,1,2-Trichloroethane	0.276	0.304	-10.1	85	0.00
56	T	Ethyl methacrylate	0.321	0.362	-12.8	85	0.00
57	T	1,3-Dichloropropane	0.470	0.527	-12.1	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.083	0.112	-34.9#	104	0.00
59	T	2-Hexanone	0.168	0.180	-7.1	81	0.00
60	T	Dibromochloromethane	0.342	0.385	-12.6	86	0.00
61	T	1,2-Dibromoethane	0.266	0.286	-7.5	85	0.00
62	S	4-Bromofluorobenzene	0.438	0.456	-4.1	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.385	0.378	1.8	81	0.00
65	PM	Chlorobenzene	1.128	1.171	-3.8	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.411	0.435	-5.8	84	0.00
67	C	Ethyl Benzene	2.082	2.170	-4.2#	83	0.00
68	T	m/p-Xylenes	0.792	0.842	-6.3	83	0.00
69	T	o-Xylene	0.740	0.789	-6.6	85	0.00
70	T	Styrene	1.253	1.372	-9.5	87	0.00
71	P	Bromoform	0.221	0.240	-8.6	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	4.051	4.040	0.3	83	0.00
74	T	N-amyl acetate	0.910	0.949	-4.3	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.705	0.721	-2.3	89	0.00
76	T	1,2,3-Trichloropropane	0.568	0.557	1.9	92	0.00
77	T	Bromobenzene	0.917	0.920	-0.3	86	0.00
78	T	n-propylbenzene	5.040	5.026	0.3	82	0.00
79	T	2-Chlorotoluene	2.765	2.775	-0.4	85	0.00
80	T	1,3,5-Trimethylbenzene	3.373	3.428	-1.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.159	0.184	-15.7	95	0.00
82	T	4-Chlorotoluene	2.884	2.822	2.1	83	0.00
83	T	tert-Butylbenzene	2.908	2.897	0.4	82	0.00
84	T	1,2,4-Trimethylbenzene	3.369	3.412	-1.3	84	0.00
85	T	sec-Butylbenzene	4.461	4.477	-0.4	83	0.00
86	T	p-Isopropyltoluene	3.649	3.767	-3.2	84	0.00
87	T	1,3-Dichlorobenzene	1.854	1.833	1.1	83	0.00
88	T	1,4-Dichlorobenzene	1.855	1.835	1.1	85	0.00
89	T	n-Butylbenzene	3.562	3.596	-1.0	84	0.00
90	T	Hexachloroethane	0.719	0.699	2.8	82	0.00
91	T	1,2-Dichlorobenzene	1.609	1.655	-2.9	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.109	0.114	-4.6	87	0.00
93	T	1,2,4-Trichlorobenzene	1.007	0.984	2.3	83	0.00
94	T	Hexachlorobutadiene	0.532	0.514	3.4	79	0.00
95	T	Naphthalene	1.875	1.919	-2.3	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.869	0.876	-0.8	85	0.00

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