Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015095.D
Acq On : 15 Aug 2023 10:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 15 15:21:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 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	89	0.00
2	T	Dichlorodifluoromethane	0.253	0.209	17.4	86	0.00
3	P	Chloromethane	0.347	0.298	14.1	87	0.00
4	C	Vinyl Chloride	0.398	0.368	7.5#	86	0.00
5	T	Bromomethane	0.291	0.245	15.8	75	0.00
6	T	Chloroethane	0.289	0.279	3.5	87	0.00
7	T	Trichlorofluoromethane	0.670	0.744	-11.0	104	0.00
8	T	Diethyl Ether	0.263	0.262	0.4	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.417	0.389	6.7	87	0.00
10	T	Methyl Iodide	0.409	0.383	6.4	79	0.00
11	T	Tert butyl alcohol	0.116	0.099	14.7	90	0.02
12	CM	1,1-Dichloroethene	0.348	0.330	5.2#	86	0.00
13	T	Acrolein	0.056	0.041	26.8#	103	0.00
14	T	Allyl chloride	0.617	0.550	10.9	80	0.00
15	T	Acrylonitrile	0.178	0.195	-9.6	98	0.00
16	T	Acetone	0.196	0.226	-15.3	99	0.01
17	T	Carbon Disulfide	0.612	0.580	5.2	83	0.00
18	T	Methyl Acetate	0.719	0.788	-9.6	98	0.01
19	T	Methyl tert-butyl Ether	1.479	1.501	-1.5	91	0.00
20	T	Methylene Chloride	0.570	0.507	11.1	94	0.00
21	T	trans-1,2-Dichloroethene	0.392	0.374	4.6	86	0.00
22	T	Diisopropyl ether	1.539	1.423	7.5	83	0.00
23	T	Vinyl Acetate	0.918	0.926	-0.9	89	0.00
24	P	1,1-Dichloroethane	0.833	0.767	7.9	83	0.00
25	T	2-Butanone	0.278	0.308	-10.8	99	0.00
26	T	2,2-Dichloropropane	0.803	0.701	12.7	82	0.00
27	T	cis-1,2-Dichloroethene	0.536	0.509	5.0	86	0.00
28	T	Bromochloromethane	0.383	0.357	6.8	85	0.00
29	T	Tetrahydrofuran	0.166	0.185	-11.4	100	0.00
30	C	Chloroform	0.934	0.887	5.0#	86	0.00
31	T	Cyclohexane	0.597	0.529	11.4	86	0.00
32	T	1,1,1-Trichloroethane	0.795	0.758	4.7	87	0.00
33	S	1,2-Dichloroethane-d4	0.600	0.587	2.2	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.322	0.318	1.2	83	0.00
36	T	1,1-Dichloropropene	0.356	0.339	4.8	83	0.00
37	T	Ethyl Acetate	0.332	0.374	-12.7	100	0.00
38	T	Carbon Tetrachloride	0.421	0.409	2.9	86	0.00
39	T	Methylcyclohexane	0.399	0.393	1.5	86	0.00
40	TM	Benzene	1.076	1.039	3.4	84	0.00
41	T	Methacrylonitrile	0.171	0.172	-0.6	82	0.00
42	TM	1,2-Dichloroethane	0.391	0.404	-3.3	90	0.00
43	T	Isopropyl Acetate	0.604	0.649	-7.5	94	0.00
44	TM	Trichloroethene	0.310	0.309	0.3	88	0.00
45	C	1,2-Dichloropropane	0.303	0.293	3.3#	85	0.00
46	T	Dibromomethane	0.191	0.197	-3.1	88	0.00
47	T	Bromodichloromethane	0.457	0.458	-0.2	87	0.00
48	T	Methyl methacrylate	0.258	0.286	-10.9	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	101	0.01
50	S	Toluene-d8	1.197	1.166	2.6	83	0.00
51	T	4-Methyl-2-Pentanone	0.350	0.409	-16.9	100	0.00
52	CM	Toluene	0.709	0.693	2.3#	85	0.00
53	T	t-1,3-Dichloropropene	0.480	0.490	-2.1	88	0.00
54	T	cis-1,3-Dichloropropene	0.505	0.503	0.4	86	0.00
55	T	1,1,2-Trichloroethane	0.291	0.304	-4.5	91	0.00
56	T	Ethyl methacrylate	0.426	0.459	-7.7	91	0.00
57	T	1,3-Dichloropropane	0.475	0.482	-1.5	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.198	0.191	3.5	86	0.00
59	T	2-Hexanone	0.259	0.312	-20.5	103	0.00
60	T	Dibromochloromethane	0.347	0.367	-5.8	91	0.00
61	T	1,2-Dibromoethane	0.276	0.296	-7.2	93	0.00
62	S	4-Bromofluorobenzene	0.437	0.427	2.3	84	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.348	0.354	-1.7	90	0.00
65	PM	Chlorobenzene	0.911	0.885	2.9	86	0.00
66	T	1,1,1,2-Tetrachloroethane	0.370	0.363	1.9	86	0.00
67	C	Ethyl Benzene	1.596	1.541	3.4#	86	0.00
68	T	m/p-Xylenes	0.606	0.575	5.1	84	0.00
69	T	o-Xylene	0.604	0.584	3.3	86	0.00
70	T	Styrene	1.045	1.007	3.6	85	0.00
71	P	Bromoform	0.268	0.294	-9.7	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.215	2.998	6.7	85	0.00
74	T	N-amyl acetate	1.161	1.218	-4.9	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.837	0.879	-5.0	93	0.00
76	T	1,2,3-Trichloropropane	0.607	0.650	-7.1	99	0.00
77	T	Bromobenzene	0.784	0.738	5.9	86	0.00
78	T	n-propylbenzene	3.818	3.441	9.9	82	0.00
79	T	2-Chlorotoluene	2.203	2.006	8.9	83	0.00
80	T	1,3,5-Trimethylbenzene	2.680	2.505	6.5	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.277	0.296	-6.9	93	0.00
82	T	4-Chlorotoluene	2.275	2.082	8.5	82	0.00
83	T	tert-Butylbenzene	2.451	2.234	8.9	82	0.00
84	T	1,2,4-Trimethylbenzene	2.678	2.507	6.4	84	0.00
85	T	sec-Butylbenzene	3.592	3.256	9.4	82	0.00
86	T	p-Isopropyltoluene	2.978	2.748	7.7	83	0.00
87	T	1,3-Dichlorobenzene	1.554	1.468	5.5	85	0.00
88	T	1,4-Dichlorobenzene	1.559	1.501	3.7	87	0.00
89	T	n-Butylbenzene	2.808	2.554	9.0	82	0.00
90	T	Hexachloroethane	0.591	0.544	8.0	84	0.00
91	T	1,2-Dichlorobenzene	1.452	1.403	3.4	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.162	0.196	-21.0	107	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.942	-1.1	91	0.00
94	T	Hexachlorobutadiene	0.507	0.475	6.3	87	0.00
95	T	Naphthalene	2.322	2.609	-12.4	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	0.879	-4.4	94	0.00

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