Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070225\
Data File : BM050344.D
Acq On : 02 Jul 2025 15:14
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Quant Time: Jul 02 15:50:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 15:14:38 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
2		1,4-Dioxane	0.503	0.545	-8.3	103	0.00
3	S	1,4-Dioxane-d8	0.485	0.521	-7.4	100	0.00
4	S	Pyridine-d5	1.312	1.434	-9.3	102	0.00
5		Pyridine	1.369	1.507	-10.1	101	0.00
6		Benzaldehyde	0.800	0.986	-23.2	103	0.00
7	S	Phenol-d5	1.450	1.544	-6.5	100	0.00
8		Phenol	1.519	1.667	-9.7	102	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.919	1.036	-12.7	104	0.00
10		Bis(2-Chloroethyl)ether	1.193	1.327	-11.2	103	0.00
11	S	2-Chlorophenol-d4	1.181	1.230	-4.1	98	0.00
12		2-Chlorophenol	1.239	1.292	-4.3	99	0.00
13		2-Methylphenol	1.096	1.157	-5.6	100	0.00
14		2,2'-oxybis(1-Chloropropane	1.864	2.124	-13.9	104	0.00
15	S	4-Methylphenol-d8	1.105	1.158	-4.8	99	0.00
16		Acetophenone	1.771	1.966	-11.0	103	0.00
17	P	N-Nitroso-di-n-propylamine	0.919	0.962	-4.7	100	0.00
18		4-Methylphenol	1.191	1.259	-5.7	99	0.00
19		Hexachloroethane	0.511	0.540	-5.7	101	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
21	S	Nitrobenzene-d5	0.138	0.138	0.0	97	0.00
22		Nitrobenzene	0.357	0.376	-5.3	102	0.00
23		Isophorone	0.653	0.650	0.5	98	0.00
24	S	2-Nitrophenol-d4	0.129	0.117	9.3	91	0.00
25	C	2-Nitrophenol	0.153	0.148	3.3	95	0.00
26		2,4-Dimethylphenol	0.342	0.349	-2.0	100	0.00
27		Bis(2-Chloroethoxy)methane	0.421	0.429	-1.9	100	0.00
28	S	2,4-Dichlorophenol-d3	0.313	0.302	3.5	95	0.00
29	C	2,4-Dichlorophenol	0.312	0.303	2.9	95	0.00
30		Naphthalene	1.029	1.040	-1.1	99	0.00
31	S	4-Chloroaniline-d4	0.416	0.429	-3.1	99	0.00
32		4-Chloroaniline	0.421	0.434	-3.1	99	0.00
33	C	Hexachlorobutadiene	0.219	0.206	5.9	94	0.00
34		Caprolactam	0.091	0.082	9.9	93	0.00
35	C	4-Chloro-3-methylphenol	0.285	0.286	-0.4	98	0.00
36		2-Methylnaphthalene	0.715	0.714	0.1	99	0.00
37		1-Methylnaphthalene	0.708	0.702	0.8	98	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
39		1,2,4,5-Tetrachlorobenzene	0.651	0.622	4.5	94	0.00
40		Hexachlorocyclopentadiene	0.339	0.303	10.6	91	0.00
41	C	2,4,6-Trichlorophenol	0.373	0.359	3.8	93	0.00
42		2,4,5-Trichlorophenol	0.415	0.401	3.4	93	0.00
43		1,1'-Biphenyl	1.473	1.490	-1.2	97	0.00
44		2-Chloronaphthalene	1.180	1.199	-1.6	98	0.00
45		2-Nitroaniline	0.272	0.271	0.4	95	0.00
46	S	Dimethylphthalate-d6	1.362	1.336	1.9	95	0.00
47		Dimethylphthalate	1.355	1.346	0.7	96	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.221	0.213	3.6	92	0.00
49	S	Acenaphthylene-d8	1.668	1.678	-0.6	97	0.00
50		Acenaphthylene	1.858	1.892	-1.8	97	0.00
51		3-Nitroaniline	0.240	0.245	-2.1	96	0.00
52	C	Acenaphthene	1.202	1.227	-2.1	99	0.00
53		2,4-Dinitrophenol	0.099	0.069	30.3#	89	0.00
54	S	4-Nitrophenol-d4	0.245	0.232	5.3	94	0.00
55		4-Nitrophenol	0.192	0.198	-3.1	97	0.00
56		Dibenzofuran	1.731	1.743	-0.7	97	0.00
57		2,4-Dinitrotoluene	0.330	0.329	0.3	94	0.00
58		2,3,4,6-Tetrachlorophenol	0.320	0.302	5.6	90	0.00
59		Diethylphthalate	1.274	1.285	-0.9	96	0.00
60	S	Fluorene-d10	1.237	1.233	0.3	96	0.00
61		Fluorene	1.438	1.460	-1.5	98	0.00
62		4-Chlorophenyl-phenylether	0.735	0.729	0.8	97	0.00
63		4-Nitroaniline	0.237	0.258	-8.9	96	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.086	0.067	22.1	90	0.00
66		4,6-Dinitro-2-methylphenol	0.097	0.077	20.6	87	0.00
67		N-Nitrosodiphenylamine	0.615	0.616	-0.2	95	0.00
68		4-Bromophenyl-phenylether	0.218	0.205	6.0	90	0.00
69		Hexachlorobenzene	0.262	0.252	3.8	92	0.00
70		Atrazine	0.210	0.194	7.6	88	0.00
71	C	Pentachlorophenol	0.149	0.131	12.1	89	0.00
72		Phenanthrene	1.138	1.139	-0.1	94	0.00
73	S	Anthracene-d10	0.992	0.991	0.1	93	0.00
74		Anthracene	1.152	1.169	-1.5	95	0.00
75		1,2,3,4-Tetrachlorobenzene	0.339	0.328	3.2	94	0.00
76		Pentachlorobenzene	0.319	0.314	1.6	95	0.00
77		Carbazole	1.008	1.024	-1.6	93	0.00
78		Di-n-butylphthalate	1.018	1.009	0.9	90	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	91	0.00
80		Fluoranthene	1.229	1.184	3.7	90	0.00
81	S	Pyrene-d10	1.068	1.039	2.7	90	0.00
82		Pyrene	1.333	1.320	1.0	92	0.00
83		Butylbenzylphthalate	0.376	0.348	7.4	82	0.00
84		3,3'-Dichlorobenzidine	0.363	0.325	10.5	79	0.00
85		Benzo(a)anthracene	1.305	1.300	0.4	90	0.00
86		Bis(2-ethylhexyl)phthalate	0.588	0.564	4.1	84	0.00
87		Chrysene	1.234	1.241	-0.6	91	0.00
88	I	Perylene-d12	1.000	1.000	0.0	89	0.00
89		Di-n-octyl phthalate	1.001	0.818	18.3	81	0.00
90		Benzo(b)fluoranthene	1.206	1.177	2.4	87	0.00
91		Benzo(k)fluoranthene	1.229	1.256	-2.2	91	0.00
92	S	Benzo(a)pyrene-d12	1.014	0.989	2.5	87	0.00
93	C	Benzo(a)pyrene	1.155	1.165	-0.9	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.428	1.418	0.7	90	0.00
95	Dibenzo(a,h)anthracene	1.186	1.182	0.3	90	0.00
96	Benzo(g,h,i)perylene	1.148	1.154	-0.5	91	0.00

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