Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070225\
Data File : BM050337.D
Acq On : 02 Jul 2025 10:01
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Quant Time: Jul 02 12:24:51 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	100	0.00
2		1,4-Dioxane	0.503	0.549	-9.1	107	0.00
3	S	1,4-Dioxane-d8	0.485	0.508	-4.7	100	0.00
4	S	Pyridine-d5	1.312	1.416	-7.9	103	0.00
5		Pyridine	1.369	1.496	-9.3	103	0.00
6		Benzaldehyde	0.800	0.945	-18.1	102	0.00
7	S	Phenol-d5	1.450	1.515	-4.5	101	0.00
8		Phenol	1.519	1.609	-5.9	101	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.919	1.004	-9.2	103	0.00
10		Bis(2-Chloroethyl)ether	1.193	1.274	-6.8	101	0.00
11	S	2-Chlorophenol-d4	1.181	1.221	-3.4	100	0.00
12		2-Chlorophenol	1.239	1.274	-2.8	100	0.00
13		2-Methylphenol	1.096	1.112	-1.5	99	0.00
14		2,2'-oxybis(1-Chloropropane	1.864	2.040	-9.4	103	0.00
15	S	4-Methylphenol-d8	1.105	1.122	-1.5	98	0.00
16		Acetophenone	1.771	1.876	-5.9	101	0.00
17	P	N-Nitroso-di-n-propylamine	0.919	0.918	0.1	98	0.00
18		4-Methylphenol	1.191	1.220	-2.4	98	0.00
19		Hexachloroethane	0.511	0.529	-3.5	101	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
21	S	Nitrobenzene-d5	0.138	0.137	0.7	96	0.00
22		Nitrobenzene	0.357	0.368	-3.1	100	0.00
23		Isophorone	0.653	0.637	2.5	95	0.00
24	S	2-Nitrophenol-d4	0.129	0.119	7.8	92	0.00
25	C	2-Nitrophenol	0.153	0.146	4.6	94	0.00
26		2,4-Dimethylphenol	0.342	0.349	-2.0	100	0.00
27		Bis(2-Chloroethoxy)methane	0.421	0.427	-1.4	99	0.00
28	S	2,4-Dichlorophenol-d3	0.313	0.305	2.6	95	0.00
29	C	2,4-Dichlorophenol	0.312	0.308	1.3	96	0.00
30		Naphthalene	1.029	1.034	-0.5	98	0.00
31	S	4-Chloroaniline-d4	0.416	0.422	-1.4	97	0.00
32		4-Chloroaniline	0.421	0.429	-1.9	97	0.00
33	C	Hexachlorobutadiene	0.219	0.212	3.2	96	0.00
34		Caprolactam	0.091	0.083	8.8	94	0.00
35	C	4-Chloro-3-methylphenol	0.285	0.282	1.1	96	0.00
36		2-Methylnaphthalene	0.715	0.709	0.8	97	0.00
37		1-Methylnaphthalene	0.708	0.692	2.3	96	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
39		1,2,4,5-Tetrachlorobenzene	0.651	0.630	3.2	94	0.00
40		Hexachlorocyclopentadiene	0.339	0.305	10.0	90	0.00
41	C	2,4,6-Trichlorophenol	0.373	0.362	2.9	92	0.00
42		2,4,5-Trichlorophenol	0.415	0.401	3.4	91	0.00
43		1,1'-Biphenyl	1.473	1.486	-0.9	95	0.00
44		2-Chloronaphthalene	1.180	1.191	-0.9	96	0.00
45		2-Nitroaniline	0.272	0.274	-0.7	95	0.00
46	S	Dimethylphthalate-d6	1.362	1.344	1.3	94	0.00
47		Dimethylphthalate	1.355	1.356	-0.1	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.221	0.211	4.5	90	0.00
49	S	Acenaphthylene-d8	1.668	1.669	-0.1	95	0.00
50		Acenaphthylene	1.858	1.878	-1.1	95	0.00
51		3-Nitroaniline	0.240	0.241	-0.4	93	0.00
52	C	Acenaphthene	1.202	1.212	-0.8	96	0.00
53		2,4-Dinitrophenol	0.099	0.071	28.3#	90	0.00
54	S	4-Nitrophenol-d4	0.245	0.237	3.3	95	0.00
55		4-Nitrophenol	0.192	0.198	-3.1	95	0.00
56		Dibenzofuran	1.731	1.746	-0.9	96	0.00
57		2,4-Dinitrotoluene	0.330	0.332	-0.6	93	0.00
58		2,3,4,6-Tetrachlorophenol	0.320	0.304	5.0	89	0.00
59		Diethylphthalate	1.274	1.284	-0.8	95	0.00
60	S	Fluorene-d10	1.237	1.231	0.5	94	0.00
61		Fluorene	1.438	1.439	-0.1	95	0.00
62		4-Chlorophenyl-phenylether	0.735	0.733	0.3	95	0.00
63		4-Nitroaniline	0.237	0.257	-8.4	94	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.086	0.066	23.3	88	0.00
66		4,6-Dinitro-2-methylphenol	0.097	0.077	20.6	86	0.00
67		N-Nitrosodiphenylamine	0.615	0.610	0.8	93	0.00
68		4-Bromophenyl-phenylether	0.218	0.209	4.1	91	0.00
69		Hexachlorobenzene	0.262	0.253	3.4	91	0.00
70		Atrazine	0.210	0.198	5.7	89	0.00
71	C	Pentachlorophenol	0.149	0.131	12.1	87	0.00
72		Phenanthrene	1.138	1.150	-1.1	93	0.00
73	S	Anthracene-d10	0.992	0.995	-0.3	92	0.00
74		Anthracene	1.152	1.167	-1.3	93	0.00
75		1,2,3,4-Tetrachlorobenzene	0.339	0.328	3.2	93	0.00
76		Pentachlorobenzene	0.319	0.312	2.2	93	0.00
77		Carbazole	1.008	1.039	-3.1	93	0.00
78		Di-n-butylphthalate	1.018	1.041	-2.3	91	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	93	0.00
80		Fluoranthene	1.229	1.195	2.8	92	0.00
81	S	Pyrene-d10	1.068	1.046	2.1	92	0.00
82		Pyrene	1.333	1.313	1.5	93	0.00
83		Butylbenzylphthalate	0.376	0.361	4.0	87	0.00
84		3,3'-Dichlorobenzidine	0.363	0.336	7.4	83	0.00
85		Benzo(a)anthracene	1.305	1.306	-0.1	92	0.00
86		Bis(2-ethylhexyl)phthalate	0.588	0.594	-1.0	90	0.00
87		Chrysene	1.234	1.245	-0.9	93	0.00
88	I	Perylene-d12	1.000	1.000	0.0	92	0.00
89		Di-n-octyl phthalate	1.001	0.856	14.5	87	0.00
90		Benzo(b)fluoranthene	1.206	1.174	2.7	90	0.00
91		Benzo(k)fluoranthene	1.229	1.247	-1.5	94	0.00
92	S	Benzo(a)pyrene-d12	1.014	0.991	2.3	91	0.00
93	C	Benzo(a)pyrene	1.155	1.150	0.4	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.428	1.407	1.5	92	0.00
95	Dibenzo(a,h)anthracene	1.186	1.183	0.3	93	-0.01
96	Benzo(g,h,i)perylene	1.148	1.149	-0.1	94	0.00

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