Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091225\
Data File : BN037713.D
Acq On : 12 Sep 2025 17:18
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV244

Quant Time: Sep 15 10:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:43:05 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	67	0.00
2		1,4-Dioxane	0.503	0.438	12.9	56	0.00
3	S	1,4-Dioxane-d8	0.472	0.422	10.6	58	0.00
4	S	Pyridine-d5	1.313	1.187	9.6	57	0.00
5		Pyridine	1.357	1.175	13.4	54	0.00
6		Benzaldehyde	0.699	0.814	-16.5	56	0.00
7	S	Phenol-d5	1.492	1.285	13.9	53	0.00
8		Phenol	1.553	1.406	9.5	56	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.920	0.901	2.1	60	0.00
10		Bis(2-Chloroethyl)ether	1.238	1.118	9.7	55	0.00
11	S	2-Chlorophenol-d4	1.231	1.103	10.4	54	0.00
12		2-Chlorophenol	1.288	1.189	7.7	56	0.00
13		2-Methylphenol	1.145	1.027	10.3	54	0.00
14		2,2'-oxybis(1-Chloropropane	1.706	1.533	10.1	54	0.00
15	S	4-Methylphenol-d8	1.175	1.030	12.3	53	0.00
16		Acetophenone	1.871	1.739	7.1	55	0.00
17	P	N-Nitroso-di-n-propylamine	0.853	0.785	8.0	54	0.00
18		4-Methylphenol	1.235	1.105	10.5	54	0.00
19		Hexachloroethane	0.548	0.499	8.9	57	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	65	0.00
21	S	Nitrobenzene-d5	0.151	0.131	13.2	52	0.00
22		Nitrobenzene	0.345	0.313	9.3	55	0.00
23		Isophorone	0.599	0.538	10.2	52	0.00
24	S	2-Nitrophenol-d4	0.123	0.109	11.4	50	0.00
25	C	2-Nitrophenol	0.146	0.138	5.5	54	0.00
26		2,4-Dimethylphenol	0.332	0.294	11.4	52	0.00
27		Bis(2-Chloroethoxy)methane	0.399	0.356	10.8	53	0.00
28	S	2,4-Dichlorophenol-d3	0.282	0.259	8.2	54	0.00
29	C	2,4-Dichlorophenol	0.288	0.262	9.0	53	0.00
30		Naphthalene	1.068	0.955	10.6	54	0.00
31	S	4-Chloroaniline-d4	0.427	0.375	12.2	54	0.00
32		4-Chloroaniline	0.427	0.389	8.9	55	0.00
33	C	Hexachlorobutadiene	0.201	0.183	9.0	56	0.00
34		Caprolactam	0.085	0.071	16.5	54	0.00
35	C	4-Chloro-3-methylphenol	0.271	0.247	8.9	53	0.00
36		2-Methylnaphthalene	0.702	0.565	19.5	48#	0.00
37		1-Methylnaphthalene	0.695	0.592	14.8	50	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	63	0.00
39		1,2,4,5-Tetrachlorobenzene	0.624	0.591	5.3	56	0.00
40		Hexachlorocyclopentadiene	0.400	0.345	13.8	54	0.00
41	C	2,4,6-Trichlorophenol	0.337	0.320	5.0	52	0.00
42		2,4,5-Trichlorophenol	0.392	0.366	6.6	53	0.00
43		1,1'-Biphenyl	1.540	1.433	6.9	54	0.00
44		2-Chloronaphthalene	1.213	1.098	9.5	53	0.00
45		2-Nitroaniline	0.276	0.255	7.6	53	0.00
46	S	Dimethylphthalate-d6	1.335	1.213	9.1	53	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47		Dimethylphthalate	1.335	1.225	8.2	54	0.00
48		2,6-Dinitrotoluene	0.239	0.247	-3.3	58	0.00
49	S	Acenaphthylene-d8	1.669	1.519	9.0	52	0.00
50		Acenaphthylene	1.936	1.766	8.8	53	0.00
51		3-Nitroaniline	0.256	0.280	-9.4	62	0.00
52	C	Acenaphthene	1.260	1.143	9.3	54	0.00
53		2,4-Dinitrophenol	0.101	0.070	30.7#	53	0.00
54	S	4-Nitrophenol-d4	0.250	0.211	15.6	54	0.00
55		4-Nitrophenol	0.191	0.171	10.5	58	0.00
56		Dibenzofuran	1.719	1.584	7.9	55	0.00
57		2,4-Dinitrotoluene	0.342	0.328	4.1	54	0.00
58		2,3,4,6-Tetrachlorophenol	0.274	0.298	-8.8	61	0.00
59		Diethylphthalate	1.269	1.155	9.0	52	0.00
60	S	Fluorene-d10	1.194	1.044	12.6	51	0.00
61		Fluorene	1.393	1.265	9.2	54	0.00
62		4-Chlorophenyl-phenylether	0.670	0.602	10.1	53	0.00
63		4-Nitroaniline	0.241	0.286	-18.7	66	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	66	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.090	0.059	34.4#	49#	0.00
66		4,6-Dinitro-2-methylphenol	0.101	0.071	29.7#	51	0.00
67		N-Nitrosodiphenylamine	0.641	0.586	8.6	56	0.00
68		4-Bromophenyl-phenylether	0.225	0.204	9.3	54	0.00
69		Hexachlorobenzene	0.275	0.245	10.9	55	0.00
70		Atrazine	0.216	0.183	15.3	55	0.00
71	C	Pentachlorophenol	0.151	0.120	20.5	53	0.00
72		Phenanthrene	1.159	1.041	10.2	57	0.00
73	S	Anthracene-d10	0.994	0.870	12.5	54	0.00
74		Anthracene	1.175	1.052	10.5	56	0.00
75		1,2,3,4-Tetrachlorobenzene	0.356	0.299	16.0	51	0.00
76		Pentachlorobenzene	0.341	0.287	15.8	52	0.00
77		Carbazole	1.041	0.949	8.8	59	0.00
78		Di-n-butylphthalate	1.056	0.938	11.2	53	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	74	0.00
80		Fluoranthene	1.220	1.089	10.7	59	0.00
81	S	Pyrene-d10	1.045	0.915	12.4	57	0.00
82		Pyrene	1.298	1.171	9.8	60	0.00
83		Butylbenzylphthalate	0.366	0.323	11.7	56	0.00
84		3,3'-Dichlorobenzidine	0.386	0.375	2.8	67	0.00
85		Benzo(a)anthracene	1.283	1.152	10.2	60	0.00
86		Bis(2-ethylhexyl)phthalate	0.552	0.497	10.0	56	0.00
87		Chrysene	1.226	1.083	11.7	60	0.00
88	I	Perylene-d12	1.000	1.000	0.0	74	0.00
89		Di-n-octyl phthalate	0.942	0.680	27.8#	57	0.00
90		Benzo(b)fluoranthene	1.181	1.086	8.0	63	0.00
91		Benzo(k)fluoranthene	1.191	1.080	9.3	63	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
92	S	Benzo(a)pyrene-d12	1.010	0.883	12.6	60	0.00
93	C	Benzo(a)pyrene	1.132	1.047	7.5	64	0.00
94		Indeno(1,2,3-cd)pyrene	1.481	1.306	11.8	60	0.01
95		Dibenzo(a,h)anthracene	1.224	1.088	11.1	61	0.00
96		Benzo(g,h,i)perylene	1.213	1.043	14.0	59	0.00

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