Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091125\
Data File : BG064352.D
Acq On : 11 Sep 2025 19:52
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV418

Quant Time: Sep 12 12:50:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 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	87	0.00
2		1,4-Dioxane	0.426	0.395	7.3	81	0.00
3	S	1,4-Dioxane-d8	0.381	0.431	-13.1	102	0.00
4	S	Pyridine-d5	1.111	1.085	2.3	87	0.00
5		Pyridine	1.171	1.179	-0.7	86	0.00
6		Benzaldehyde	0.760	0.940	-23.7	85	0.00
7	S	Phenol-d5	1.635	1.499	8.3	83	0.00
8		Phenol	1.674	1.547	7.6	84	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.853	0.830	2.7	89	0.00
10		Bis(2-Chloroethyl)ether	1.156	1.093	5.4	88	0.00
11	S	2-Chlorophenol-d4	1.307	1.292	1.1	83	0.00
12		2-Chlorophenol	1.359	1.351	0.6	84	0.00
13		2-Methylphenol	1.389	1.279	7.9	85	0.00
14		2,2'-oxybis(1-Chloropropane	2.153	2.025	5.9	84	0.00
15	S	4-Methylphenol-d8	1.487	1.378	7.3	87	0.00
16		Acetophenone	2.365	2.194	7.2	84	0.00
17	P	N-Nitroso-di-n-propylamine	1.112	1.157	-4.0	93	0.00
18		4-Methylphenol	1.494	1.463	2.1	90	0.00
19		Hexachloroethane	0.599	0.584	2.5	88	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	85	0.00
21	S	Nitrobenzene-d5	0.157	0.163	-3.8	90	0.00
22		Nitrobenzene	0.390	0.381	2.3	82	0.00
23		Isophorone	0.750	0.760	-1.3	86	0.00
24	S	2-Nitrophenol-d4	0.191	0.202	-5.8	91	0.00
25	C	2-Nitrophenol	0.184	0.184	0.0	79	0.00
26		2,4-Dimethylphenol	0.407	0.366	10.1	81	0.00
27		Bis(2-Chloroethoxy)methane	0.380	0.377	0.8	84	0.00
28	S	2,4-Dichlorophenol-d3	0.356	0.349	2.0	83	0.00
29	C	2,4-Dichlorophenol	0.325	0.332	-2.2	87	0.00
30		Naphthalene	1.089	1.110	-1.9	88	0.00
31	S	4-Chloroaniline-d4	0.481	0.480	0.2	90	0.00
32		4-Chloroaniline	0.474	0.471	0.6	87	0.00
33	C	Hexachlorobutadiene	0.292	0.291	0.3	83	0.00
34		Caprolactam	0.132	0.134	-1.5	81	0.00
35	C	4-Chloro-3-methylphenol	0.402	0.420	-4.5	87	0.00
36		2-Methylnaphthalene	0.829	0.854	-3.0	87	0.00
37		1-Methylnaphthalene	0.824	0.866	-5.1	89	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00
39		1,2,4,5-Tetrachlorobenzene	0.634	0.625	1.4	87	0.00
40		Hexachlorocyclopentadiene	0.437	0.356	18.5	85	0.00
41	C	2,4,6-Trichlorophenol	0.406	0.387	4.7	86	0.00
42		2,4,5-Trichlorophenol	0.434	0.445	-2.5	91	0.00
43		1,1'-Biphenyl	1.477	1.475	0.1	91	0.00
44		2-Chloronaphthalene	1.083	1.085	-0.2	88	0.00
45		2-Nitroaniline	0.389	0.386	0.8	90	0.00
46	S	Dimethylphthalate-d6	1.782	1.756	1.5	89	0.00
47		Dimethylphthalate	1.656	1.642	0.8	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.317	0.340	-7.3	93	0.00
49	S	Acenaphthylene-d8	1.722	1.713	0.5	88	0.00
50		Acenaphthylene	1.853	1.839	0.8	88	0.00
51		3-Nitroaniline	0.270	0.300	-11.1	90	0.00
52	C	Acenaphthene	1.258	1.264	-0.5	89	0.00
53		2,4-Dinitrophenol	0.213	0.202	5.2	89	0.00
54	S	4-Nitrophenol-d4	0.279	0.297	-6.5	92	0.00
55		4-Nitrophenol	0.370	0.395	-6.8	93	0.00
56		Dibenzofuran	1.863	1.862	0.1	90	0.00
57		2,4-Dinitrotoluene	0.511	0.513	-0.4	89	0.00
58		2,3,4,6-Tetrachlorophenol	0.457	0.474	-3.7	92	0.00
59		Diethylphthalate	1.813	1.841	-1.5	90	0.00
60	S	Fluorene-d10	1.446	1.458	-0.8	90	0.00
61		Fluorene	1.580	1.605	-1.6	90	0.00
62		4-Chlorophenyl-phenylether	0.833	0.829	0.5	88	0.00
63		4-Nitroaniline	0.278	0.323	-16.2	92	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.143	0.140	2.1	88	0.00
66		4,6-Dinitro-2-methylphenol	0.145	0.143	1.4	89	0.00
67		N-Nitrosodiphenylamine	0.546	0.562	-2.9	91	0.00
68		4-Bromophenyl-phenylether	0.235	0.229	2.6	84	0.00
69		Hexachlorobenzene	0.264	0.270	-2.3	90	0.00
70		Atrazine	0.269	0.285	-5.9	93	0.00
71	C	Pentachlorophenol	0.170	0.161	5.3	90	0.00
72		Phenanthrene	1.087	1.099	-1.1	90	0.00
73	S	Anthracene-d10	0.998	1.005	-0.7	88	0.00
74		Anthracene	1.106	1.102	0.4	88	0.00
75		1,2,3,4-Tetrachlorobenzene	0.271	0.254	6.3	84	0.00
76		Pentachlorobenzene	0.296	0.293	1.0	89	0.00
77		Carbazole	0.961	0.977	-1.7	89	0.00
78		Di-n-butylphthalate	1.193	1.223	-2.5	91	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	93	0.00
80		Fluoranthene	1.274	1.252	1.7	91	0.00
81	S	Pyrene-d10	1.127	1.106	1.9	91	0.00
82		Pyrene	1.312	1.288	1.8	91	0.00
83		Butylbenzylphthalate	0.513	0.515	-0.4	94	0.00
84		3,3'-Dichlorobenzidine	0.420	0.457	-8.8	94	0.00
85		Benzo(a)anthracene	1.341	1.333	0.6	92	0.00
86		Bis(2-ethylhexyl)phthalate	0.736	0.720	2.2	92	0.00
87		Chrysene	1.262	1.251	0.9	94	0.00
88	I	Perylene-d12	1.000	1.000	0.0	95	0.00
89		Di-n-octyl phthalate	1.139	1.171	-2.8	95	0.00
90		Benzo(b)fluoranthene	1.203	1.237	-2.8	97	0.00
91		Benzo(k)fluoranthene	1.197	1.229	-2.7	97	0.00
92	S	Benzo(a)pyrene-d12	1.031	1.062	-3.0	96	0.00
93	C	Benzo(a)pyrene	1.117	1.145	-2.5	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.445	1.450	-0.3	94	0.00
95	Dibenzo(a,h)anthracene	1.164	1.178	-1.2	93	0.00
96	Benzo(g,h,i)perylene	1.179	1.171	0.7	91	-0.01

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