Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071825\
Data File : BN037526.D
Acq On : 18 Jul 2025 17:14
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV237

Quant Time: Jul 18 17:50:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 18 16:22:45 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	105	0.00
2		1,4-Dioxane	0.469	0.438	6.6	94	0.00
3	S	1,4-Dioxane-d8	0.422	0.388	8.1	93	0.00
4	S	Pyridine-d5	1.217	1.189	2.3	100	0.00
5		Pyridine	1.251	1.198	4.2	96	0.00
6		Benzaldehyde	0.686	0.927	-35.1#	105	0.00
7	S	Phenol-d5	1.474	1.430	3.0	100	0.00
8		Phenol	1.515	1.511	0.3	103	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.892	0.983	-10.2	114	0.00
10		Bis(2-Chloroethyl)ether	1.231	1.241	-0.8	102	0.00
11	S	2-Chlorophenol-d4	1.255	1.238	1.4	101	0.00
12		2-Chlorophenol	1.279	1.326	-3.7	107	0.00
13		2-Methylphenol	1.145	1.153	-0.7	104	0.00
14		2,2'-oxybis(1-Chloropropane	1.781	1.796	-0.8	104	0.00
15	S	4-Methylphenol-d8	1.212	1.179	2.7	99	0.00
16		Acetophenone	1.896	1.997	-5.3	105	0.00
17	P	N-Nitroso-di-n-propylamine	0.881	0.918	-4.2	103	0.00
18		4-Methylphenol	1.237	1.242	-0.4	102	0.00
19		Hexachloroethane	0.548	0.567	-3.5	106	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
21	S	Nitrobenzene-d5	0.150	0.150	0.0	101	0.00
22		Nitrobenzene	0.342	0.343	-0.3	103	0.00
23		Isophorone	0.625	0.625	0.0	100	0.00
24	S	2-Nitrophenol-d4	0.138	0.142	-2.9	106	0.00
25	C	2-Nitrophenol	0.158	0.169	-7.0	108	0.00
26		2,4-Dimethylphenol	0.333	0.326	2.1	97	0.00
27		Bis(2-Chloroethoxy)methane	0.406	0.405	0.2	101	0.00
28	S	2,4-Dichlorophenol-d3	0.288	0.288	0.0	99	0.00
29	C	2,4-Dichlorophenol	0.290	0.293	-1.0	101	0.00
30		Naphthalene	1.064	1.042	2.1	100	0.00
31	S	4-Chloroaniline-d4	0.428	0.412	3.7	97	0.00
32		4-Chloroaniline	0.429	0.429	0.0	99	0.00
33	C	Hexachlorobutadiene	0.200	0.201	-0.5	107	0.00
34		Caprolactam	0.092	0.083	9.8	91	-0.01
35	C	4-Chloro-3-methylphenol	0.299	0.302	-1.0	98	0.00
36		2-Methylnaphthalene	0.726	0.651	10.3	89	0.00
37		1-Methylnaphthalene	0.713	0.679	4.8	93	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
39		1,2,4,5-Tetrachlorobenzene	0.597	0.625	-4.7	103	0.00
40		Hexachlorocyclopentadiene	0.380	0.385	-1.3	108	0.00
41	C	2,4,6-Trichlorophenol	0.352	0.366	-4.0	97	0.00
42		2,4,5-Trichlorophenol	0.400	0.403	-0.8	97	0.00
43		1,1'-Biphenyl	1.505	1.581	-5.0	101	0.00
44		2-Chloronaphthalene	1.167	1.193	-2.2	98	0.00
45		2-Nitroaniline	0.279	0.292	-4.7	97	0.00
46	S	Dimethylphthalate-d6	1.420	1.390	2.1	92	0.00
47		Dimethylphthalate	1.399	1.409	-0.7	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.266	0.291	-9.4	101	0.00
49	S	Acenaphthylene-d8	1.666	1.668	-0.1	95	0.00
50		Acenaphthylene	1.905	1.926	-1.1	95	0.00
51		3-Nitroaniline	0.263	0.306	-16.3	102	0.00
52	C	Acenaphthene	1.237	1.249	-1.0	97	0.00
53		2,4-Dinitrophenol	0.139	0.115	17.3	99	0.00
54	S	4-Nitrophenol-d4	0.270	0.240	11.1	86	0.00
55		4-Nitrophenol	0.193	0.179	7.3	88	0.00
56		Dibenzofuran	1.715	1.698	1.0	93	0.00
57		2,4-Dinitrotoluene	0.389	0.399	-2.6	92	0.00
58		2,3,4,6-Tetrachlorophenol	0.313	0.348	-11.2	103	0.00
59		Diethylphthalate	1.406	1.409	-0.2	93	0.00
60	S	Fluorene-d10	1.226	1.162	5.2	89	0.00
61		Fluorene	1.401	1.399	0.1	93	0.00
62		4-Chlorophenyl-phenylether	0.685	0.683	0.3	93	0.00
63		4-Nitroaniline	0.250	0.310	-24.0	101	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.111	0.093	16.2	89	0.00
66		4,6-Dinitro-2-methylphenol	0.119	0.106	10.9	89	0.00
67		N-Nitrosodiphenylamine	0.622	0.638	-2.6	91	0.00
68		4-Bromophenyl-phenylether	0.221	0.229	-3.6	93	0.00
69		Hexachlorobenzene	0.262	0.269	-2.7	93	0.00
70		Atrazine	0.224	0.211	5.8	85	0.00
71	C	Pentachlorophenol	0.162	0.152	6.2	93	0.00
72		Phenanthrene	1.135	1.116	1.7	87	0.00
73	S	Anthracene-d10	0.984	0.943	4.2	84	0.00
74		Anthracene	1.153	1.145	0.7	87	0.00
75		1,2,3,4-Tetrachlorobenzene	0.320	0.322	-0.6	94	0.00
76		Pentachlorobenzene	0.313	0.311	0.6	91	0.00
77		Carbazole	1.019	1.009	1.0	87	0.00
78		Di-n-butylphthalate	1.227	1.245	-1.5	88	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	80	0.00
80		Fluoranthene	1.247	1.252	-0.4	82	0.00
81	S	Pyrene-d10	1.051	1.026	2.4	79	0.00
82		Pyrene	1.302	1.297	0.4	81	0.00
83		Butylbenzylphthalate	0.452	0.490	-8.4	89	0.00
84		3,3'-Dichlorobenzidine	0.381	0.418	-9.7	89	0.00
85		Benzo(a)anthracene	1.300	1.276	1.8	80	0.00
86		Bis(2-ethylhexyl)phthalate	0.750	0.796	-6.1	87	0.00
87		Chrysene	1.234	1.206	2.3	79	0.00
88	I	Perylene-d12	1.000	1.000	0.0	76	0.00
89		Di-n-octyl phthalate	1.232	1.214	1.5	82	0.00
90		Benzo(b)fluoranthene	1.175	1.268	-7.9	79	0.00
91		Benzo(k)fluoranthene	1.220	1.247	-2.2	77	0.00
92	S	Benzo(a)pyrene-d12	1.009	1.026	-1.7	75	0.00
93	C	Benzo(a)pyrene	1.128	1.208	-7.1	78	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.431	1.469	-2.7	76	0.00
95	Dibenzo(a,h)anthracene	1.194	1.193	0.1	73	-0.01
96	Benzo(g,h,i)perylene	1.158	1.179	-1.8	74	-0.02

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