Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070125\
Data File : BM050328.D
Acq On : 01 Jul 2025 15:07
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV005

Quant Time: Jul 01 15:40:19 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	0.479	4.8	93	0.00
3	S	1,4-Dioxane-d8	0.485	0.462	4.7	91	0.00
4	S	Pyridine-d5	1.312	1.337	-1.9	98	0.00
5		Pyridine	1.369	1.335	2.5	92	0.00
6		Benzaldehyde	0.800	0.936	-17.0	101	0.00
7	S	Phenol-d5	1.450	1.418	2.2	94	0.00
8		Phenol	1.519	1.532	-0.9	96	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.919	1.036	-12.7	107	0.00
10		Bis(2-Chloroethyl)ether	1.193	1.211	-1.5	96	0.00
11	S	2-Chlorophenol-d4	1.181	1.158	1.9	95	0.00
12		2-Chlorophenol	1.239	1.227	1.0	96	0.00
13		2-Methylphenol	1.096	1.110	-1.3	98	0.00
14		2,2'-oxybis(1-Chloropropane	1.864	1.889	-1.3	95	0.00
15	S	4-Methylphenol-d8	1.105	1.077	2.5	94	0.00
16		Acetophenone	1.771	1.843	-4.1	99	0.00
17	P	N-Nitroso-di-n-propylamine	0.919	0.912	0.8	97	0.00
18		4-Methylphenol	1.191	1.195	-0.3	96	0.00
19		Hexachloroethane	0.511	0.505	1.2	97	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
21	S	Nitrobenzene-d5	0.138	0.134	2.9	95	0.00
22		Nitrobenzene	0.357	0.354	0.8	97	0.00
23		Isophorone	0.653	0.630	3.5	96	0.00
24	S	2-Nitrophenol-d4	0.129	0.126	2.3	99	0.00
25	C	2-Nitrophenol	0.153	0.154	-0.7	100	0.00
26		2,4-Dimethylphenol	0.342	0.324	5.3	94	0.00
27		Bis(2-Chloroethoxy)methane	0.421	0.407	3.3	95	0.00
28	S	2,4-Dichlorophenol-d3	0.313	0.306	2.2	97	0.00
29	C	2,4-Dichlorophenol	0.312	0.307	1.6	97	0.00
30		Naphthalene	1.029	0.981	4.7	95	0.00
31	S	4-Chloroaniline-d4	0.416	0.404	2.9	94	0.00
32		4-Chloroaniline	0.421	0.429	-1.9	98	0.00
33	C	Hexachlorobutadiene	0.219	0.212	3.2	97	0.00
34		Caprolactam	0.091	0.087	4.4	99	0.00
35	C	4-Chloro-3-methylphenol	0.285	0.278	2.5	96	0.00
36		2-Methylnaphthalene	0.715	0.615	14.0	86	0.00
37		1-Methylnaphthalene	0.708	0.650	8.2	91	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	100	0.00
39		1,2,4,5-Tetrachlorobenzene	0.651	0.643	1.2	100	0.00
40		Hexachlorocyclopentadiene	0.339	0.323	4.7	99	0.00
41	C	2,4,6-Trichlorophenol	0.373	0.370	0.8	98	0.00
42		2,4,5-Trichlorophenol	0.415	0.405	2.4	96	0.00
43		1,1'-Biphenyl	1.473	1.449	1.6	97	0.00
44		2-Chloronaphthalene	1.180	1.135	3.8	96	0.00
45		2-Nitroaniline	0.272	0.280	-2.9	101	0.00
46	S	Dimethylphthalate-d6	1.362	1.286	5.6	94	0.00
47		Dimethylphthalate	1.355	1.312	3.2	96	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.221	0.259	-17.2	115	0.00
49	S	Acenaphthylene-d8	1.668	1.607	3.7	95	0.00
50		Acenaphthylene	1.858	1.782	4.1	94	0.00
51		3-Nitroaniline	0.240	0.285	-18.7	115	0.00
52	C	Acenaphthene	1.202	1.139	5.2	95	0.00
53		2,4-Dinitrophenol	0.099	0.084	15.2	112	0.00
54	S	4-Nitrophenol-d4	0.245	0.226	7.8	95	0.00
55		4-Nitrophenol	0.192	0.189	1.6	95	0.00
56		Dibenzofuran	1.731	1.659	4.2	95	0.00
57		2,4-Dinitrotoluene	0.330	0.350	-6.1	103	0.00
58		2,3,4,6-Tetrachlorophenol	0.320	0.345	-7.8	106	0.00
59		Diethylphthalate	1.274	1.222	4.1	94	0.00
60	S	Fluorene-d10	1.237	1.156	6.5	93	0.00
61		Fluorene	1.438	1.378	4.2	95	0.00
62		4-Chlorophenyl-phenylether	0.735	0.704	4.2	96	0.00
63		4-Nitroaniline	0.237	0.294	-24.1	112	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.086	0.072	16.3	102	0.00
66		4,6-Dinitro-2-methylphenol	0.097	0.088	9.3	105	0.00
67		N-Nitrosodiphenylamine	0.615	0.594	3.4	97	0.00
68		4-Bromophenyl-phenylether	0.218	0.205	6.0	95	0.00
69		Hexachlorobenzene	0.262	0.248	5.3	95	0.00
70		Atrazine	0.210	0.196	6.7	94	0.00
71	C	Pentachlorophenol	0.149	0.138	7.4	98	0.00
72		Phenanthrene	1.138	1.078	5.3	93	0.00
73	S	Anthracene-d10	0.992	0.927	6.6	92	0.00
74		Anthracene	1.152	1.098	4.7	94	0.00
75		1,2,3,4-Tetrachlorobenzene	0.339	0.306	9.7	93	0.00
76		Pentachlorobenzene	0.319	0.290	9.1	92	0.00
77		Carbazole	1.008	0.994	1.4	95	0.00
78		Di-n-butylphthalate	1.018	1.001	1.7	94	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
80		Fluoranthene	1.229	1.133	7.8	94	0.00
81	S	Pyrene-d10	1.068	0.987	7.6	93	0.00
82		Pyrene	1.333	1.243	6.8	94	0.00
83		Butylbenzylphthalate	0.376	0.365	2.9	94	0.00
84		3,3'-Dichlorobenzidine	0.363	0.403	-11.0	107	0.00
85		Benzo(a)anthracene	1.305	1.243	4.8	94	0.00
86		Bis(2-ethylhexyl)phthalate	0.588	0.586	0.3	95	0.00
87		Chrysene	1.234	1.164	5.7	93	0.00
88	I	Perylene-d12	1.000	1.000	0.0	99	0.00
89		Di-n-octyl phthalate	1.001	0.893	10.8	98	0.00
90		Benzo(b)fluoranthene	1.206	1.134	6.0	93	0.00
91		Benzo(k)fluoranthene	1.229	1.187	3.4	96	0.00
92	S	Benzo(a)pyrene-d12	1.014	0.948	6.5	93	0.00
93	C	Benzo(a)pyrene	1.155	1.142	1.1	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.428	1.357	5.0	95	0.00
95	Dibenzo(a,h)anthracene	1.186	1.128	4.9	95	0.00
96	Benzo(g,h,i)perylene	1.148	1.084	5.6	95	0.00

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