Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070225\
Data File : BP025069.D
Acq On : 02 Jul 2025 15:22
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Quant Time: Jul 02 15:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 11:17:33 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	88	-0.03
2		1,4-Dioxane	0.482	0.497	-3.1	89	-0.01
3	S	1,4-Dioxane-d8	0.447	0.475	-6.3	90	-0.01
4	S	Pyridine-d5	1.265	1.312	-3.7	90	-0.02
5		Pyridine	1.311	1.353	-3.2	89	-0.02
6		Benzaldehyde	0.746	0.930	-24.7	88	-0.03
7	S	Phenol-d5	1.540	1.525	1.0	89	-0.03
8		Phenol	1.581	1.587	-0.4	89	-0.03
9	S	Bis-(2-Chloroethyl)ether-d8	0.886	0.908	-2.5	90	-0.04
10		Bis(2-Chloroethyl)ether	1.218	1.248	-2.5	89	-0.04
11	S	2-Chlorophenol-d4	1.246	1.267	-1.7	87	-0.03
12		2-Chlorophenol	1.275	1.310	-2.7	88	-0.03
13		2-Methylphenol	1.204	1.193	0.9	89	-0.04
14		2,2'-oxybis(1-Chloropropane	1.684	1.738	-3.2	89	-0.04
15	S	4-Methylphenol-d8	1.247	1.228	1.5	88	-0.03
16		Acetophenone	1.954	2.043	-4.6	91	-0.04
17	P	N-Nitroso-di-n-propylamine	0.893	0.940	-5.3	89	-0.04
18		4-Methylphenol	1.301	1.308	-0.5	90	-0.04
19		Hexachloroethane	0.486	0.501	-3.1	90	-0.02
20	I	Naphthalene-d8	1.000	1.000	0.0	93	-0.02
21	S	Nitrobenzene-d5	0.134	0.136	-1.5	91	-0.04
22		Nitrobenzene	0.311	0.314	-1.0	89	-0.04
23		Isophorone	0.642	0.656	-2.2	91	-0.03
24	S	2-Nitrophenol-d4	0.117	0.113	3.4	91	-0.02
25	C	2-Nitrophenol	0.137	0.137	0.0	90	-0.02
26		2,4-Dimethylphenol	0.330	0.337	-2.1	92	-0.04
27		Bis(2-Chloroethoxy)methane	0.397	0.396	0.3	90	-0.03
28	S	2,4-Dichlorophenol-d3	0.297	0.294	1.0	88	-0.03
29	C	2,4-Dichlorophenol	0.297	0.298	-0.3	89	-0.04
30		Naphthalene	1.050	1.046	0.4	89	-0.02
31	S	4-Chloroaniline-d4	0.458	0.452	1.3	90	-0.02
32		4-Chloroaniline	0.450	0.447	0.7	90	-0.03
33	C	Hexachlorobutadiene	0.198	0.188	5.1	86	-0.02
34		Caprolactam	0.105	0.100	4.8	88	-0.02
35	C	4-Chloro-3-methylphenol	0.296	0.303	-2.4	91	-0.02
36		2-Methylnaphthalene	0.748	0.745	0.4	90	-0.02
37		1-Methylnaphthalene	0.735	0.740	-0.7	89	-0.02
38	I	Acenaphthene-d10	1.000	1.000	0.0	92	0.00
39		1,2,4,5-Tetrachlorobenzene	0.590	0.582	1.4	90	-0.02
40		Hexachlorocyclopentadiene	0.289	0.256	11.4	91	-0.01
41	C	2,4,6-Trichlorophenol	0.349	0.354	-1.4	90	-0.01
42		2,4,5-Trichlorophenol	0.388	0.399	-2.8	91	-0.01
43		1,1'-Biphenyl	1.481	1.498	-1.1	90	0.00
44		2-Chloronaphthalene	1.152	1.184	-2.8	92	-0.01
45		2-Nitroaniline	0.218	0.239	-9.6	96	0.00
46	S	Dimethylphthalate-d6	1.437	1.476	-2.7	91	-0.01
47		Dimethylphthalate	1.418	1.448	-2.1	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.222	0.238	-7.2	92	0.00
49	S	Acenaphthylene-d8	1.682	1.728	-2.7	90	0.00
50		Acenaphthylene	1.907	1.966	-3.1	91	0.00
51		3-Nitroaniline	0.260	0.263	-1.2	89	0.00
52	C	Acenaphthene	1.232	1.264	-2.6	90	0.00
53		2,4-Dinitrophenol	0.111	0.093	16.2	101	0.00
54	S	4-Nitrophenol-d4	0.271	0.257	5.2	88	0.00
55		4-Nitrophenol	0.192	0.194	-1.0	90	0.00
56		Dibenzofuran	1.746	1.801	-3.2	92	0.00
57		2,4-Dinitrotoluene	0.328	0.353	-7.6	91	0.00
58		2,3,4,6-Tetrachlorophenol	0.314	0.321	-2.2	89	0.00
59		Diethylphthalate	1.385	1.430	-3.2	91	0.00
60	S	Fluorene-d10	1.233	1.266	-2.7	91	0.00
61		Fluorene	1.411	1.458	-3.3	91	0.00
62		4-Chlorophenyl-phenylether	0.697	0.705	-1.1	91	0.00
63		4-Nitroaniline	0.256	0.281	-9.8	88	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.087	0.071	18.4	95	0.00
66		4,6-Dinitro-2-methylphenol	0.095	0.082	13.7	96	0.00
67		N-Nitrosodiphenylamine	0.592	0.597	-0.8	90	0.00
68		4-Bromophenyl-phenylether	0.210	0.207	1.4	89	0.00
69		Hexachlorobenzene	0.263	0.260	1.1	89	0.00
70		Atrazine	0.218	0.207	5.0	88	0.00
71	C	Pentachlorophenol	0.159	0.140	11.9	87	0.00
72		Phenanthrene	1.113	1.123	-0.9	91	0.01
73	S	Anthracene-d10	0.962	0.958	0.4	90	0.01
74		Anthracene	1.116	1.154	-3.4	92	0.00
75		1,2,3,4-Tetrachlorobenzene	0.299	0.288	3.7	89	-0.02
76		Pentachlorobenzene	0.303	0.294	3.0	90	0.00
77		Carbazole	1.000	1.036	-3.6	89	0.01
78		Di-n-butylphthalate	1.103	1.119	-1.5	86	0.01
79	I	Chrysene-d12	1.000	1.000	0.0	91	0.02
80		Fluoranthene	1.192	1.188	0.3	88	0.02
81	S	Pyrene-d10	1.026	1.044	-1.8	90	0.02
82		Pyrene	1.265	1.288	-1.8	91	0.02
83		Butylbenzylphthalate	0.367	0.374	-1.9	90	0.01
84		3,3'-Dichlorobenzidine	0.366	0.336	8.2	85	0.02
85		Benzo(a)anthracene	1.286	1.310	-1.9	88	0.02
86		Bis(2-ethylhexyl)phthalate	0.616	0.633	-2.8	87	0.01
87		Chrysene	1.199	1.221	-1.8	89	0.02
88	I	Perylene-d12	1.000	1.000	0.0	88	0.05
89		Di-n-octyl phthalate	0.991	0.844	14.8	78	0.02
90		Benzo(b)fluoranthene	1.179	1.189	-0.8	85	0.03
91		Benzo(k)fluoranthene	1.176	1.218	-3.6	87	0.04
92	S	Benzo(a)pyrene-d12	1.006	1.011	-0.5	84	0.04
93	C	Benzo(a)pyrene	1.110	1.140	-2.7	86	0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.408	1.378	2.1	82	0.05
95	Dibenzo(a,h)anthracene	1.133	1.086	4.1	81	0.05
96	Benzo(g,h,i)perylene	1.157	1.133	2.1	81	0.05

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