Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025744.D
Acq On : 12 Sep 2025 15:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 16:01:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.713	152	162822	20.000	ng		-0.05
21) Naphthalene-d8	10.489	136	680516	20.000	ng		-0.04
39) Acenaphthene-d10	14.366	164	459832	20.000	ng		-0.01
64) Phenanthrene-d10	17.183	188	940371	20.000	ng		0.00
76) Chrysene-d12	21.630	240	998614	20.000	ng		-0.01
86) Perylene-d12	24.994	264	1090338	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	877150	86.925	ng		-0.05
7) Phenol-d6	6.901	99	1199021	89.395	ng		-0.05
23) Nitrobenzene-d5	8.866	82	1363193	88.362	ng		-0.04
42) 2,4,6-Tribromophenol	15.889	330	496528	86.571	ng		-0.02
45) 2-Fluorobiphenyl	12.972	172	2903023	84.061	ng		-0.02
79) Terphenyl-d14	19.901	244	4720875	85.046	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.284	88	178869	42.234	ng		99
3) Pyridine	3.678	79	507397	43.509	ng		98
4) n-Nitrosodimethylamine	3.584	42	245802	44.668	ng		97
6) Aniline	7.048	93	801518	43.532	ng		99
8) 2-Chlorophenol	7.284	128	485515	43.858	ng		99
9) Benzaldehyde	6.866	77	280287m	34.865	ng		
10) Phenol	6.925	94	632066	44.692	ng		100
11) bis(2-Chloroethyl)ether	7.142	93	494543	43.523	ng		98
12) 1,3-Dichlorobenzene	7.601	146	532697	42.280	ng		97
13) 1,4-Dichlorobenzene	7.748	146	544148	42.399	ng		99
14) 1,2-Dichlorobenzene	8.066	146	527328	42.295	ng		99
15) Benzyl Alcohol	7.954	79	480831	43.384	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.231	45	815236	43.872	ng		99
17) 2-Methylphenol	8.160	107	421958	44.253	ng		99
18) Hexachloroethane	8.789	117	207322	42.292	ng		99
19) n-Nitroso-di-n-propyla...	8.519	70	423102	45.227	ng		100
20) 3+4-Methylphenols	8.484	107	580250	43.452	ng		98
22) Acetophenone	8.531	105	799499	43.963	ng	#	98
24) Nitrobenzene	8.901	77	611349	44.173	ng		99
25) Isophorone	9.436	82	1176446	43.385	ng		99
26) 2-Nitrophenol	9.613	139	275730	44.873	ng		95
27) 2,4-Dimethylphenol	9.678	122	480180	44.544	ng		99
28) bis(2-Chloroethoxy)met...	9.901	93	696746	44.451	ng		100
29) 2,4-Dichlorophenol	10.154	162	480013	44.660	ng		99
30) 1,2,4-Trichlorobenzene	10.360	180	520218	42.947	ng		99
31) Naphthalene	10.542	128	1575277	42.930	ng		100
32) Benzoic acid	9.842	122	344316	42.961	ng		98
33) 4-Chloroaniline	10.660	127	704630	46.072	ng		99
34) Hexachlorobutadiene	10.830	225	325558	41.750	ng		100
35) Caprolactam	11.460	113	173578	41.895	ng		98
36) 4-Chloro-3-methylphenol	11.795	107	560874	43.770	ng		98
37) 2-Methylnaphthalene	12.166	142	1023593	43.432	ng		99
38) 1-Methylnaphthalene	12.383	142	1079885	42.968	ng		99
40) 1,2,4,5-Tetrachloroben...	12.536	216	597589	42.887	ng		99
41) Hexachlorocyclopentadiene	12.519	237	343830	45.306	ng		99
43) 2,4,6-Trichlorophenol	12.783	196	419012	45.742	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.866	196	457045	44.831	ng		97
46) 1,1'-Biphenyl	13.189	154	1473315	43.651	ng		100
47) 2-Chloronaphthalene	13.230	162	1133843	42.664	ng		99
48) 2-Nitroaniline	13.436	65	413816	46.711	ng		99
49) Acenaphthylene	14.083	152	1938397	44.021	ng		99
50) Dimethylphthalate	13.824	163	1514149	43.130	ng		99
51) 2,6-Dinitrotoluene	13.936	165	329771	44.337	ng		95
52) Acenaphthene	14.430	154	1093868	43.076	ng		100
53) 3-Nitroaniline	14.277	138	358666	45.856	ng		99
54) 2,4-Dinitrophenol	14.495	184	190765	41.893	ng		99
55) Dibenzofuran	14.771	168	1756679	42.445	ng		100
56) 4-Nitrophenol	14.619	139	278288	43.483	ng		96
57) 2,4-Dinitrotoluene	14.748	165	473467	44.729	ng		97
58) Fluorene	15.442	166	1395455	42.402	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	407679	44.392	ng		99
60) Diethylphthalate	15.207	149	1552030	43.583	ng		100
61) 4-Chlorophenyl-phenyle...	15.430	204	691772	41.708	ng		100
62) 4-Nitroaniline	15.460	138	369683	46.136	ng		99
63) Azobenzene	15.730	77	1514309	43.979	ng		99
65) 4,6-Dinitro-2-methylph...	15.530	198	285022	45.576	ng		97
66) n-Nitrosodiphenylamine	15.654	169	1285936	44.685	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	452107	43.763	ng		99
68) Hexachlorobenzene	16.465	284	488956	42.442	ng		99
69) Atrazine	16.636	200	489959	44.541	ng		98
70) Pentachlorophenol	16.830	266	332344	43.709	ng		97
71) Phenanthrene	17.224	178	2292882	42.983	ng		100
72) Anthracene	17.318	178	2407010	44.472	ng		100
73) Carbazole	17.601	167	2204934	43.819	ng		100
74) Di-n-butylphthalate	18.195	149	2773475	44.914	ng		100
75) Fluoranthene	19.318	202	2849351	44.538	ng		100
77) Benzidine	19.506	184	1323104	45.996	ng		99
78) Pyrene	19.695	202	2932837	44.015	ng		99
80) Butylbenzylphthalate	20.636	149	1315000	45.010	ng		97
81) Benzo(a)anthracene	21.612	228	2954035	43.209	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	1065028	45.053	ng		99
83) Chrysene	21.677	228	2809728	43.113	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	1891500	44.252	ng		99
85) Di-n-octyl phthalate	22.824	149	3323863	43.716	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	3453466	43.554	ng	#	88
88) Benzo(b)fluoranthene	23.930	252	2876011	43.134	ng		99
89) Benzo(k)fluoranthene	24.006	252	2994657	44.014	ng		99
90) Benzo(a)pyrene	24.842	252	2861033	43.816	ng		100
91) Dibenzo(a,h)anthracene	28.906	278	2843617	43.824	ng		98
92) Benzo(g,h,i)perylene	30.012	276	2784376m	43.634	ng		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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