Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 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 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	144640	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	617318	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418121	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	868840	20.000	ng	0.00
76) Chrysene-d12	21.630	240	926553	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1000954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	787836	87.888	ng	0.00
7) Phenol-d6	6.943	99	1076622	90.359	ng	0.00
23) Nitrobenzene-d5	8.902	82	1224870	87.524	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	462583	88.699	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2669440	85.008	ng	0.00
79) Terphenyl-d14	19.901	244	4362586	84.704	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	157988	41.993	ng	99
3) Pyridine	3.708	79	452870	43.715	ng	98
4) n-Nitrosodimethylamine	3.614	42	208606	42.674	ng	98
6) Aniline	7.096	93	725768	44.373	ng	98
8) 2-Chlorophenol	7.331	128	436310	44.368	ng	99
9) Benzaldehyde	6.913	77	253178m	35.491	ng	
10) Phenol	6.972	94	568213	45.227	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	449932	44.575	ng	99
12) 1,3-Dichlorobenzene	7.649	146	484132	43.256	ng	98
13) 1,4-Dichlorobenzene	7.796	146	488797	42.874	ng	100
14) 1,2-Dichlorobenzene	8.107	146	478270	43.182	ng	98
15) Benzyl Alcohol	8.002	79	436860	44.371	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	721206	43.691	ng	100
17) 2-Methylphenol	8.202	107	381511	45.040	ng	97
18) Hexachloroethane	8.825	117	187163	42.979	ng	96
19) n-Nitroso-di-n-propyla...	8.554	70	381756	46.485	ng	100
20) 3+4-Methylphenols	8.525	107	526118	44.351	ng	98
22) Acetophenone	8.572	105	726426	44.034	ng	99
24) Nitrobenzene	8.943	77	554186	44.142	ng	99
25) Isophorone	9.472	82	1061978	43.173	ng	100
26) 2-Nitrophenol	9.649	139	250189	44.885	ng	96
27) 2,4-Dimethylphenol	9.713	122	439626	44.957	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	615359	43.278	ng	99
29) 2,4-Dichlorophenol	10.190	162	430954	44.201	ng	99
30) 1,2,4-Trichlorobenzene	10.396	180	466981	42.499	ng	99
31) Naphthalene	10.578	128	1416256	42.548	ng	100
32) Benzoic acid	9.884	122	322344	44.337	ng	98
33) 4-Chloroaniline	10.684	127	629600	45.380	ng	99
34) Hexachlorobutadiene	10.860	225	299180	42.296	ng	98
35) Caprolactam	11.490	113	162983	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.825	107	511595	44.012	ng	97
37) 2-Methylnaphthalene	12.184	142	922799	43.164	ng	99
38) 1-Methylnaphthalene	12.407	142	987208	43.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	551785	43.550	ng	100
41) Hexachlorocyclopentadiene	12.537	237	317811	46.055	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	372542	44.726	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	418700	45.167	ng		98
46) 1,1'-Biphenyl	13.207	154	1327491	43.254	ng		99
47) 2-Chloronaphthalene	13.242	162	1037016	42.913	ng		99
48) 2-Nitroaniline	13.454	65	366901	45.547	ng		97
49) Acenaphthylene	14.101	152	1721169	42.987	ng		100
50) Dimethylphthalate	13.837	163	1387323	43.460	ng		99
51) 2,6-Dinitrotoluene	13.948	165	299565	44.293	ng		99
52) Acenaphthene	14.442	154	998942	43.262	ng		99
53) 3-Nitroaniline	14.284	138	329431	46.320	ng		98
54) 2,4-Dinitrophenol	14.507	184	174477	42.110	ng		98
55) Dibenzofuran	14.784	168	1607411	42.712	ng		99
56) 4-Nitrophenol	14.619	139	256685	44.044	ng		98
57) 2,4-Dinitrotoluene	14.754	165	435664	45.264	ng		99
58) Fluorene	15.448	166	1292575	43.194	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	373358	44.710	ng		98
60) Diethylphthalate	15.219	149	1374845	42.459	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	643036	42.637	ng		99
62) 4-Nitroaniline	15.472	138	338121	46.442	ng		100
63) Azobenzene	15.736	77	1373602	43.872	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	261709	45.293	ng		94
66) n-Nitrosodiphenylamine	15.654	169	1153503	43.383	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	413274	43.298	ng		99
68) Hexachlorobenzene	16.472	284	453064	42.564	ng		97
69) Atrazine	16.636	200	451179	44.392	ng		98
70) Pentachlorophenol	16.836	266	311192	44.297	ng		98
71) Phenanthrene	17.230	178	2106998	42.751	ng		100
72) Anthracene	17.319	178	2149009	42.974	ng		100
73) Carbazole	17.601	167	2037704	43.830	ng		99
74) Di-n-butylphthalate	18.189	149	2498531	43.793	ng		100
75) Fluoranthene	19.313	202	2514212	42.535	ng		99
77) Benzidine	19.501	184	1209219	45.307	ng		100
78) Pyrene	19.689	202	2650721	42.875	ng		99
80) Butylbenzylphthalate	20.636	149	1198520	44.213	ng		99
81) Benzo(a)anthracene	21.613	228	2693098	42.456	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	960752	43.803	ng		99
83) Chrysene	21.677	228	2548856	42.152	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1750717	44.144	ng		99
85) Di-n-octyl phthalate	22.818	149	3094664	43.867	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3195673	43.902	ng	#	83
88) Benzo(b)fluoranthene	23.930	252	2674118	43.687	ng		99
89) Benzo(k)fluoranthene	24.007	252	2685118	42.989	ng		99
90) Benzo(a)pyrene	24.836	252	2617139	43.660	ng		100
91) Dibenzo(a,h)anthracene	28.906	278	2596318	43.586	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2536855	43.305	ng		99

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

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