Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064489.D
Acq On : 3 Oct 2025 16:16
Operator : RC/JU
Sample : PB169973BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 17:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169973BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	16264	20.000	ng		# 0.00
21) Naphthalene-d8	10.608	136	69209	20.000	ng		# 0.00
39) Acenaphthene-d10	14.450	164	53762	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	136086	20.000	ng		0.00
76) Chrysene-d12	21.413	240	136322	20.000	ng		0.00
86) Perylene-d12	24.391	264	146226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	138141	157.191	ng		0.00
7) Phenol-d6	7.000	99	180394	152.750	ng		0.01
23) Nitrobenzene-d5	8.980	82	121407	94.324	ng		0.01
42) 2,4,6-Tribromophenol	15.943	330	145062	148.856	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	334812	91.796	ng		0.00
79) Terphenyl-d14	19.809	244	701104	97.331	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	13173	37.896	ng		93
3) Pyridine	3.710	79	35965	38.498	ng		96
4) n-Nitrosodimethylamine	3.628	42	35975	53.120	ng	#	94
6) Aniline	7.153	93	54677	36.704	ng		95
8) 2-Chlorophenol	7.394	128	55732	51.645	ng		95
9) Benzaldehyde	6.959	77	27733	26.454	ng		97
10) Phenol	7.024	94	66374	53.277	ng		94
11) bis(2-Chloroethyl)ether	7.247	93	41708	49.435	ng		93
12) 1,3-Dichlorobenzene	7.711	146	59993	50.820	ng		93
13) 1,4-Dichlorobenzene	7.858	146	60392	50.973	ng		94
14) 1,2-Dichlorobenzene	8.175	146	60785	52.056	ng		99
15) Benzyl Alcohol	8.064	79	58102	53.422	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.346	45	67381	49.546	ng		97
17) 2-Methylphenol	8.269	107	47294	52.425	ng		98
18) Hexachloroethane	8.904	117	23005	49.193	ng		93
19) n-Nitroso-di-n-propyla...	8.628	70	40266	50.981	ng	#	93
20) 3+4-Methylphenols	8.592	107	67040	53.253	ng		93
22) Acetophenone	8.645	105	95591	57.044	ng	#	98
24) Nitrobenzene	9.021	77	65082	50.705	ng		99
25) Isophorone	9.544	82	112788	48.371	ng		99
26) 2-Nitrophenol	9.726	139	31396	49.147	ng		93
27) 2,4-Dimethylphenol	9.791	122	56577	57.985	ng		89
28) bis(2-Chloroethoxy)met...	10.026	93	59992	50.474	ng		95
29) 2,4-Dichlorophenol	10.261	162	63008	55.844	ng		91
30) 1,2,4-Trichlorobenzene	10.478	180	65847	53.523	ng	#	94
31) Naphthalene	10.661	128	180768	50.722	ng		98
32) Benzoic acid	9.967	122	46416m	61.961	ng		
33) 4-Chloroaniline	10.772	127	25770	18.843	ng	#	91
34) Hexachlorobutadiene	10.954	225	51772	49.138	ng		97
35) Caprolactam	11.542	113	20070m	51.960	ng		
36) 4-Chloro-3-methylphenol	11.900	107	73890	53.851	ng		100
37) 2-Methylnaphthalene	12.270	142	126325	46.176	ng		98
38) 1-Methylnaphthalene	12.494	142	131440	48.184	ng		95
40) 1,2,4,5-Tetrachloroben...	12.641	216	94170	54.249	ng	#	96
41) Hexachlorocyclopentadiene	12.623	237	132704	146.146	ng		94
43) 2,4,6-Trichlorophenol	12.881	196	59397	53.526	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.952	196	67385	54.393	ng		96
46) 1,1'-Biphenyl	13.287	154	218091	56.402	ng		98
47) 2-Chloronaphthalene	13.322	162	144673	50.112	ng		98
48) 2-Nitroaniline	13.528	65	52229	53.007	ng		91
49) Acenaphthylene	14.174	152	248338	57.947	ng		99
50) Dimethylphthalate	13.910	163	219320	52.087	ng		98
51) 2,6-Dinitrotoluene	14.027	165	46526	53.043	ng		93
52) Acenaphthene	14.515	154	148370	49.831	ng		98
53) 3-Nitroaniline	14.356	138	24285	30.021	ng	#	90
54) 2,4-Dinitrophenol	14.568	184	60734	95.491	ng	#	84
55) Dibenzofuran	14.850	168	252708	51.403	ng		99
56) 4-Nitrophenol	14.679	139	70603	110.857	ng		86
57) 2,4-Dinitrotoluene	14.814	165	70046	52.240	ng	#	91
58) Fluorene	15.496	166	212852	52.080	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.079	232	69146m	54.690	ng		
60) Diethylphthalate	15.279	149	233804	51.761	ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	112399	50.374	ng		98
62) 4-Nitroaniline	15.525	138	45131	53.529	ng		92
63) Azobenzene	15.784	77	183158	52.357	ng		98
65) 4,6-Dinitro-2-methylph...	15.578	198	48834	51.538	ng		96
66) n-Nitrosodiphenylamine	15.708	169	190210	52.341	ng		96
67) 4-Bromophenyl-phenylether	16.383	248	81751	51.049	ng		92
68) Hexachlorobenzene	16.501	284	93070	50.789	ng		98
69) Atrazine	16.659	200	88975	55.031	ng		99
70) Pentachlorophenol	16.847	266	114041	106.438	ng		98
71) Phenanthrene	17.235	178	367467	51.635	ng		99
72) Anthracene	17.323	178	378287	52.985	ng		99
73) Carbazole	17.594	167	328133	53.172	ng		98
74) Di-n-butylphthalate	18.158	149	396056	52.573	ng		99
75) Fluoranthene	19.245	202	442925	52.097	ng		98
77) Benzidine	19.427	184	112790	33.250	ng		97
78) Pyrene	19.603	202	457350	51.696	ng		98
80) Butylbenzylphthalate	20.502	149	165515	52.777	ng		97
81) Benzo(a)anthracene	21.395	228	448603	51.538	ng		98
82) 3,3'-Dichlorobenzidine	21.319	252	90148	30.600	ng		98
83) Chrysene	21.460	228	423453	51.298	ng		97
84) Bis(2-ethylhexyl)phtha...	21.319	149	233098	52.679	ng		99
85) Di-n-octyl phthalate	22.441	149	386957	52.033	ng		99
87) Indeno(1,2,3-cd)pyrene	27.746	276	548210	53.861	ng		98
88) Benzo(b)fluoranthene	23.451	252	450951	54.209	ng		98
89) Benzo(k)fluoranthene	23.516	252	433743	51.769	ng		97
90) Benzo(a)pyrene	24.256	252	420603	54.860	ng		99
91) Dibenzo(a,h)anthracene	27.799	278	449110	55.175	ng		97
92) Benzo(g,h,i)perylene	28.792	276	433026	54.744	ng		97

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

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