Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064518.D
Acq On : 16 Oct 2025 16:15
Operator : RC/JU
Sample : PB170133BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 16 16:54:22 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 :
PB170133BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	16050	20.000	ng		0.00
21) Naphthalene-d8	10.603	136	66367	20.000	ng		# 0.00
39) Acenaphthene-d10	14.446	164	52536	20.000	ng		0.00
64) Phenanthrene-d10	17.190	188	123287	20.000	ng		# 0.00
76) Chrysene-d12	21.414	240	138581	20.000	ng		# 0.00
86) Perylene-d12	24.399	264	149424	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.409	112	119762	138.094	ng		0.00
7) Phenol-d6	7.002	99	155875	133.748	ng		0.02
23) Nitrobenzene-d5	8.976	82	108203	87.665	ng		0.00
42) 2,4,6-Tribromophenol	15.938	330	126843	133.198	ng		0.00
45) 2-Fluorobiphenyl	13.071	172	299540	84.042	ng		0.00
79) Terphenyl-d14	19.810	244	632982	86.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	11460	33.408	ng		99
3) Pyridine	3.706	79	31435	34.097	ng		92
4) n-Nitrosodimethylamine	3.623	42	30565	45.733	ng		96
6) Aniline	7.149	93	43673	29.708	ng		97
8) 2-Chlorophenol	7.389	128	51530	48.388	ng		97
9) Benzaldehyde	6.955	77	22129	21.390	ng		97
10) Phenol	7.025	94	57867	47.068	ng		97
11) bis(2-Chloroethyl)ether	7.243	93	36354	43.664	ng		98
12) 1,3-Dichlorobenzene	7.707	146	53907	46.274	ng		98
13) 1,4-Dichlorobenzene	7.854	146	55904	47.815	ng		93
14) 1,2-Dichlorobenzene	8.171	146	52399	45.473	ng		94
15) Benzyl Alcohol	8.059	79	50798	47.329	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	53462	39.836	ng		97
17) 2-Methylphenol	8.265	107	43326	48.667	ng		94
18) Hexachloroethane	8.894	117	20821	45.116	ng	#	85
19) n-Nitroso-di-n-propyla...	8.623	70	35767	45.889	ng	#	97
20) 3+4-Methylphenols	8.594	107	59377	47.795	ng		98
22) Acetophenone	8.635	105	86803	54.018	ng		92
24) Nitrobenzene	9.017	77	56127	45.601	ng		97
25) Isophorone	9.540	82	99912	44.683	ng		99
26) 2-Nitrophenol	9.722	139	27940	45.610	ng		88
27) 2,4-Dimethylphenol	9.787	122	49382	52.779	ng		89
28) bis(2-Chloroethoxy)met...	10.022	93	52912	46.423	ng		98
29) 2,4-Dichlorophenol	10.263	162	54213	50.106	ng		97
30) 1,2,4-Trichlorobenzene	10.474	180	57255	48.532	ng		94
31) Naphthalene	10.656	128	161861	47.361	ng		99
32) Benzoic acid	9.963	122	41241m	57.410	ng		
33) 4-Chloroaniline	10.768	127	24766	18.885	ng		97
34) Hexachlorobutadiene	10.944	225	46764	46.286	ng		97
35) Caprolactam	11.543	113	17515m	47.287	ng		
36) 4-Chloro-3-methylphenol	11.902	107	64132	48.741	ng		93
37) 2-Methylnaphthalene	12.266	142	112406	42.848	ng		99
38) 1-Methylnaphthalene	12.483	142	116154	44.404	ng		94
40) 1,2,4,5-Tetrachloroben...	12.636	216	87558	51.617	ng		98
41) Hexachlorocyclopentadiene	12.619	237	127008	143.137	ng		95
43) 2,4,6-Trichlorophenol	12.877	196	52409	48.331	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	57242	47.283	ng		99
46) 1,1'-Biphenyl	13.283	154	191610	50.710	ng		96
47) 2-Chloronaphthalene	13.324	162	125557	44.506	ng		98
48) 2-Nitroaniline	13.529	65	43507	45.185	ng		93
49) Acenaphthylene	14.170	152	216199	51.625	ng		99
50) Dimethylphthalate	13.911	163	178769	43.447	ng		100
51) 2,6-Dinitrotoluene	14.023	165	40100	46.784	ng		88
52) Acenaphthene	14.511	154	128773	44.259	ng		100
53) 3-Nitroaniline	14.352	138	21086	26.675	ng		98
54) 2,4-Dinitrophenol	14.563	184	55255	88.904	ng		92
55) Dibenzofuran	14.845	168	215899	44.941	ng		98
56) 4-Nitrophenol	14.681	139	61087	98.154	ng		89
57) 2,4-Dinitrotoluene	14.816	165	61230	46.730	ng		94
58) Fluorene	15.498	166	183903	46.047	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.080	232	60858m	49.258	ng		
60) Diethylphthalate	15.274	149	195504	44.292	ng		98
61) 4-Chlorophenyl-phenyle...	15.492	204	97578	44.752	ng		100
62) 4-Nitroaniline	15.521	138	37456	45.462	ng		97
63) Azobenzene	15.786	77	150921	44.149	ng		97
65) 4,6-Dinitro-2-methylph...	15.580	198	41363	48.186	ng		94
66) n-Nitrosodiphenylamine	15.709	169	161576	49.078	ng		96
67) 4-Bromophenyl-phenylether	16.385	248	70110	48.325	ng		88
68) Hexachlorobenzene	16.502	284	80732	48.630	ng		95
69) Atrazine	16.661	200	73333	50.065	ng		96
70) Pentachlorophenol	16.843	266	103325	106.448	ng		99
71) Phenanthrene	17.231	178	308081	47.784	ng		100
72) Anthracene	17.325	178	314943	48.692	ng		100
73) Carbazole	17.595	167	279379	49.971	ng		97
74) Di-n-butylphthalate	18.153	149	334508	49.013	ng		99
75) Fluoranthene	19.240	202	390939	50.756	ng		98
77) Benzidine	19.428	184	95013	27.553	ng		100
78) Pyrene	19.605	202	398440	44.303	ng		100
80) Butylbenzylphthalate	20.503	149	155197	48.680	ng		96
81) Benzo(a)anthracene	21.397	228	427989	48.369	ng		99
82) 3,3'-Dichlorobenzidine	21.320	252	84226	28.124	ng		97
83) Chrysene	21.461	228	398106	47.441	ng		97
84) Bis(2-ethylhexyl)phtha...	21.320	149	218513	48.578	ng		95
85) Di-n-octyl phthalate	22.448	149	371963	49.201	ng		100
87) Indeno(1,2,3-cd)pyrene	27.760	276	513100	49.333	ng		99
88) Benzo(b)fluoranthene	23.459	252	418720	49.257	ng		100
89) Benzo(k)fluoranthene	23.518	252	436387m	50.970	ng		
90) Benzo(a)pyrene	24.264	252	405302	51.733	ng		98
91) Dibenzo(a,h)anthracene	27.818	278	421086	50.625	ng	#	98
92) Benzo(g,h,i)perylene	28.806	276	404947	50.098	ng		95

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

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