Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064715.D
Acq On : 7 Nov 2025 13:12
Operator : RC/JU
Sample : PB170428BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 13:47:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170428BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.199	152	30295	20.000	ng		-0.02
21) Naphthalene-d8	11.025	136	115732	20.000	ng		#-0.02
39) Acenaphthene-d10	14.827	164	96432	20.000	ng		-0.02
64) Phenanthrene-d10	17.559	188	237705	20.000	ng		#-0.02
76) Chrysene-d12	21.830	240	291572	20.000	ng		#-0.03
86) Perylene-d12	25.156	264	328588	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.732	112	265312	146.996	ng		-0.02
7) Phenol-d6	7.347	99	343364	138.639	ng		0.00
23) Nitrobenzene-d5	9.368	82	230742	119.751	ng		-0.02
42) 2,4,6-Tribromophenol	16.302	330	276794	198.874	ng		-0.02
45) 2-Fluorobiphenyl	13.452	172	644717	101.338	ng		-0.02
79) Terphenyl-d14	20.150	244	1526841	98.823	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.558	88	27371	34.253	ng		96
3) Pyridine	3.975	79	76490	31.876	ng		97
4) n-Nitrosodimethylamine	3.881	42	51604	40.101	ng		98
6) Aniline	7.512	93	96744	28.706	ng		99
8) 2-Chlorophenol	7.759	128	99666	52.757	ng		96
9) Benzaldehyde	7.324	77	57939	42.851	ng		95
10) Phenol	7.371	94	125562	45.842	ng		93
11) bis(2-Chloroethyl)ether	7.606	93	84571	41.996	ng		93
12) 1,3-Dichlorobenzene	8.088	146	105407	48.477	ng		96
13) 1,4-Dichlorobenzene	8.235	146	110990	50.201	ng		93
14) 1,2-Dichlorobenzene	8.558	146	106189	49.796	ng		99
15) Benzyl Alcohol	8.434	79	97089	47.538	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.722	45	218087	41.286	ng		99
17) 2-Methylphenol	8.634	107	89667	49.307	ng		97
18) Hexachloroethane	9.304	117	39855	51.368	ng		91
19) n-Nitroso-di-n-propyla...	9.004	70	75151	43.906	ng		99
20) 3+4-Methylphenols	8.963	107	122790	48.013	ng		93
22) Acetophenone	9.022	105	152425	48.180	ng	#	94
24) Nitrobenzene	9.410	77	116846	55.754	ng		94
25) Isophorone	9.938	82	209000	45.203	ng		100
26) 2-Nitrophenol	10.126	139	54286	65.886	ng	#	93
27) 2,4-Dimethylphenol	10.179	122	97742	56.832	ng		97
28) bis(2-Chloroethoxy)met...	10.414	93	118880	45.158	ng		99
29) 2,4-Dichlorophenol	10.667	162	108554	58.650	ng		94
30) 1,2,4-Trichlorobenzene	10.884	180	125817	59.828	ng		100
31) Naphthalene	11.078	128	317572	49.492	ng		99
32) Benzoic acid	10.303	122	66372m	50.213	ng		
33) 4-Chloroaniline	11.172	127	51953	20.831	ng		98
34) Hexachlorobutadiene	11.366	225	99534	60.520	ng		96
35) Caprolactam	11.942	113	30325m	42.718	ng		
36) 4-Chloro-3-methylphenol	12.283	107	116768	52.485	ng		95
37) 2-Methylnaphthalene	12.671	142	215716	45.790	ng		98
38) 1-Methylnaphthalene	12.888	142	227896	48.866	ng		96
40) 1,2,4,5-Tetrachloroben...	13.035	216	177149	54.738	ng		98
41) Hexachlorocyclopentadiene	13.017	237	240573	165.150	ng		100
43) 2,4,6-Trichlorophenol	13.264	196	111341	60.145	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.334	196	124701	58.373	ng		97
46) 1,1'-Biphenyl	13.663	154	338338	49.352	ng		97
47) 2-Chloronaphthalene	13.710	162	260464	50.333	ng		97
48) 2-Nitroaniline	13.898	65	90585	51.865	ng		95
49) Acenaphthylene	14.551	152	452686	55.460	ng		98
50) Dimethylphthalate	14.269	163	361849	49.038	ng		100
51) 2,6-Dinitrotoluene	14.386	165	74955	60.660	ng		89
52) Acenaphthene	14.891	154	292078	52.375	ng		100
53) 3-Nitroaniline	14.715	138	44451	35.053	ng	#	97
54) 2,4-Dinitrophenol	14.921	184	69646	92.299	ng	#	32
55) Dibenzofuran	15.220	168	444182	49.267	ng		99
56) 4-Nitrophenol	15.009	139	115321	98.085	ng		91
57) 2,4-Dinitrotoluene	15.168	165	111145	58.339	ng		91
58) Fluorene	15.867	166	349152	49.588	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	131478	64.361	ng		96
60) Diethylphthalate	15.626	149	354546	47.057	ng		98
61) 4-Chlorophenyl-phenyle...	15.855	204	206204	52.185	ng		97
62) 4-Nitroaniline	15.873	138	75031	53.184	ng		91
63) Azobenzene	16.149	77	305164	44.144	ng		97
65) 4,6-Dinitro-2-methylph...	15.931	198	66187	61.550	ng		92
66) n-Nitrosodiphenylamine	16.067	169	321854	50.125	ng		99
67) 4-Bromophenyl-phenylether	16.748	248	157853	56.038	ng		95
68) Hexachlorobenzene	16.871	284	186130	57.919	ng		95
69) Atrazine	17.007	200	149568	54.128	ng		94
70) Pentachlorophenol	17.206	266	187411	93.520	ng		88
71) Phenanthrene	17.606	178	643748	49.522	ng		99
72) Anthracene	17.694	178	657481	49.722	ng		99
73) Carbazole	17.953	167	562395	48.231	ng		99
74) Di-n-butylphthalate	18.511	149	632564	46.913	ng		99
75) Fluoranthene	19.598	202	836890	51.392	ng		97
77) Benzidine	19.768	184	270431	41.398	ng		99
78) Pyrene	19.956	202	861239	45.210	ng		100
80) Butylbenzylphthalate	20.832	149	292697	50.837	ng		92
81) Benzo(a)anthracene	21.813	228	991295	51.275	ng		100
82) 3,3'-Dichlorobenzidine	21.719	252	205739	31.869	ng		97
83) Chrysene	21.877	228	911665	49.559	ng		98
84) Bis(2-ethylhexyl)phtha...	21.713	149	425651	49.476	ng	#	97
85) Di-n-octyl phthalate	22.964	149	742088	51.162	ng		94
87) Indeno(1,2,3-cd)pyrene	28.969	276	1255164	51.926	ng	#	92
88) Benzo(b)fluoranthene	24.104	252	1005265	49.892	ng	#	98
89) Benzo(k)fluoranthene	24.169	252	1049071	52.030	ng	#	97
90) Benzo(a)pyrene	25.003	252	978884	52.852	ng	#	98
91) Dibenzo(a,h)anthracene	29.045	278	1022149	52.050	ng	#	97
92) Benzo(g,h,i)perylene	30.168	276	988499	52.693	ng	#	96

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

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