Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064701.D
Acq On : 6 Nov 2025 13:35
Operator : RC/JU
Sample : PB170421BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 14:15:08 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 :
PB170421BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
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	36207	20.000	ng		-0.02
21) Naphthalene-d8	11.025	136	134518	20.000	ng		#-0.02
39) Acenaphthene-d10	14.821	164	99892	20.000	ng		-0.02
64) Phenanthrene-d10	17.559	188	231903	20.000	ng		-0.02
76) Chrysene-d12	21.830	240	321404	20.000	ng		#-0.03
86) Perylene-d12	25.156	264	337554	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.737	112	255783	118.577	ng		-0.01
7) Phenol-d6	7.341	99	334098	112.871	ng		-0.01
23) Nitrobenzene-d5	9.368	82	217347	97.046	ng		-0.02
42) 2,4,6-Tribromophenol	16.302	330	222612	154.405	ng		-0.02
45) 2-Fluorobiphenyl	13.452	172	569076	86.351	ng		-0.02
79) Terphenyl-d14	20.150	244	1384546	81.295	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.563	88	28178	29.505	ng		98
3) Pyridine	3.975	79	77567	27.046	ng		98
4) n-Nitrosodimethylamine	3.887	42	58257	37.879	ng		94
6) Aniline	7.512	93	112821	28.011	ng		97
8) 2-Chlorophenol	7.759	128	100355	44.447	ng		93
9) Benzaldehyde	7.324	77	47538	29.417	ng		91
10) Phenol	7.371	94	127653	38.996	ng		94
11) bis(2-Chloroethyl)ether	7.606	93	88497	36.770	ng		93
12) 1,3-Dichlorobenzene	8.093	146	113072	43.511	ng		95
13) 1,4-Dichlorobenzene	8.234	146	117156	44.338	ng		98
14) 1,2-Dichlorobenzene	8.558	146	113870	44.679	ng		98
15) Benzyl Alcohol	8.434	79	95183	38.995	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.728	45	237185	37.570	ng		98
17) 2-Methylphenol	8.634	107	92264	42.451	ng		97
18) Hexachloroethane	9.298	117	41934	45.223	ng		98
19) n-Nitroso-di-n-propyla...	9.004	70	77006	37.643	ng		96
20) 3+4-Methylphenols	8.963	107	120635	39.468	ng		98
22) Acetophenone	9.022	105	169826	46.184	ng	#	95
24) Nitrobenzene	9.410	77	119395	49.014	ng		94
25) Isophorone	9.938	82	212663	39.572	ng		99
26) 2-Nitrophenol	10.126	139	52890	55.734	ng	#	90
27) 2,4-Dimethylphenol	10.179	122	96044	48.046	ng		95
28) bis(2-Chloroethoxy)met...	10.414	93	120598	39.413	ng		100
29) 2,4-Dichlorophenol	10.667	162	105323	48.957	ng		96
30) 1,2,4-Trichlorobenzene	10.884	180	126344	51.688	ng		96
31) Naphthalene	11.078	128	324969	43.572	ng		98
32) Benzoic acid	10.303	122	70220m	46.312	ng		
33) 4-Chloroaniline	11.172	127	65360	22.547	ng		97
34) Hexachlorobutadiene	11.366	225	103081	53.924	ng		94
35) Caprolactam	11.936	113	27313m	33.102	ng		
36) 4-Chloro-3-methylphenol	12.277	107	108563	41.982	ng		96
37) 2-Methylnaphthalene	12.670	142	211333	38.595	ng		97
38) 1-Methylnaphthalene	12.888	142	216607	39.959	ng		97
40) 1,2,4,5-Tetrachloroben...	13.035	216	186176	55.534	ng		99
41) Hexachlorocyclopentadiene	13.017	237	220835	146.349	ng		98
43) 2,4,6-Trichlorophenol	13.264	196	101641	53.003	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.334	196	109152	49.325	ng		96
46) 1,1'-Biphenyl	13.663	154	350637	49.374	ng		98
47) 2-Chloronaphthalene	13.710	162	240829	44.926	ng		98
48) 2-Nitroaniline	13.893	65	80989	45.206	ng		97
49) Acenaphthylene	14.551	152	418804	49.532	ng		99
50) Dimethylphthalate	14.269	163	323438	42.314	ng		98
51) 2,6-Dinitrotoluene	14.380	165	65885	51.957	ng		96
52) Acenaphthene	14.886	154	274547	47.526	ng		95
53) 3-Nitroaniline	14.709	138	45164	34.381	ng	#	94
54) 2,4-Dinitrophenol	14.915	184	73793	94.280	ng	#	40
55) Dibenzofuran	15.220	168	406041	43.477	ng		98
56) 4-Nitrophenol	15.009	139	108529	89.111	ng		92
57) 2,4-Dinitrotoluene	15.168	165	96879	49.574	ng		95
58) Fluorene	15.867	166	308951	42.359	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.438	232	111721	52.795	ng		99
60) Diethylphthalate	15.626	149	306827	39.313	ng		99
61) 4-Chlorophenyl-phenyle...	15.855	204	185914	45.420	ng		97
62) 4-Nitroaniline	15.873	138	67473	46.170	ng		89
63) Azobenzene	16.149	77	276660	38.634	ng		97
65) 4,6-Dinitro-2-methylph...	15.931	198	58793	56.528	ng		98
66) n-Nitrosodiphenylamine	16.061	169	284391	45.399	ng		100
67) 4-Bromophenyl-phenylether	16.748	248	137267	49.949	ng		96
68) Hexachlorobenzene	16.871	284	162496	51.830	ng		94
69) Atrazine	17.007	200	132459	49.136	ng		95
70) Pentachlorophenol	17.206	266	183253	93.733	ng		92
71) Phenanthrene	17.600	178	572933	45.177	ng		100
72) Anthracene	17.694	178	591115	45.821	ng		99
73) Carbazole	17.953	167	535324	47.058	ng		100
74) Di-n-butylphthalate	18.511	149	585697	44.524	ng		99
75) Fluoranthene	19.598	202	801617	50.457	ng		97
77) Benzidine	19.762	184	190535	26.460	ng		99
78) Pyrene	19.956	202	837371	39.877	ng		99
80) Butylbenzylphthalate	20.831	149	288415	45.444	ng		94
81) Benzo(a)anthracene	21.813	228	976313	45.813	ng		99
82) 3,3'-Dichlorobenzidine	21.713	252	249778	35.099	ng		96
83) Chrysene	21.883	228	902766	44.520	ng		98
84) Bis(2-ethylhexyl)phtha...	21.713	149	427531	45.082	ng		98
85) Di-n-octyl phthalate	22.964	149	733239	45.859	ng		96
87) Indeno(1,2,3-cd)pyrene	28.969	276	1205535	48.548	ng	#	95
88) Benzo(b)fluoranthene	24.098	252	988958	47.779	ng	#	97
89) Benzo(k)fluoranthene	24.175	252	1019509	49.221	ng	#	98
90) Benzo(a)pyrene	25.003	252	954075	50.144	ng		98
91) Dibenzo(a,h)anthracene	29.045	278	999457	49.542	ng		96
92) Benzo(g,h,i)perylene	30.168	276	961369	49.885	ng	#	95

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

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