Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064641.D
Acq On : 30 Oct 2025 15:00
Operator : RC/JU
Sample : PB170306BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 04:30:23 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 :
PB170306BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

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11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.214	152	29099	20.000	ng		0.00
21) Naphthalene-d8	11.046	136	112942	20.000	ng	#	0.00
39) Acenaphthene-d10	14.842	164	90672	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	226757	20.000	ng		0.00
76) Chrysene-d12	21.851	240	278173	20.000	ng		0.00
86) Perylene-d12	25.194	264	301297	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	207678	119.793	ng		0.00
7) Phenol-d6	7.356	99	286392	120.388	ng		0.00
23) Nitrobenzene-d5	9.383	82	178417	94.882	ng		0.00
42) 2,4,6-Tribromophenol	16.316	330	193929	148.188	ng		0.00
45) 2-Fluorobiphenyl	13.473	172	487153	81.436	ng		0.00
79) Terphenyl-d14	20.165	244	1186305	80.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.578	88	26019	33.900	ng		96
3) Pyridine	3.990	79	71962	31.221	ng		96
4) n-Nitrosodimethylamine	3.896	42	50309	40.702	ng		90
6) Aniline	7.527	93	92351	28.529	ng		93
8) 2-Chlorophenol	7.774	128	79775	43.963	ng		97
9) Benzaldehyde	7.339	77	40423	31.125	ng		97
10) Phenol	7.380	94	110179	41.879	ng		98
11) bis(2-Chloroethyl)ether	7.621	93	71676	37.056	ng		97
12) 1,3-Dichlorobenzene	8.108	146	83999	40.219	ng		99
13) 1,4-Dichlorobenzene	8.255	146	88153	41.511	ng		95
14) 1,2-Dichlorobenzene	8.578	146	85251	41.620	ng		99
15) Benzyl Alcohol	8.443	79	83416	42.522	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.743	45	194794	38.392	ng		98
17) 2-Methylphenol	8.649	107	74872	42.864	ng		95
18) Hexachloroethane	9.319	117	31185	41.846	ng		95
19) n-Nitroso-di-n-propyla...	9.025	70	65604	39.903	ng		96
20) 3+4-Methylphenols	8.972	107	103316	42.058	ng		98
22) Acetophenone	9.037	105	143823	46.584	ng	#	95
24) Nitrobenzene	9.425	77	97564	47.703	ng		93
25) Isophorone	9.953	82	184360	40.859	ng		100
26) 2-Nitrophenol	10.141	139	43129	54.220	ng	#	91
27) 2,4-Dimethylphenol	10.194	122	85726	51.076	ng		95
28) bis(2-Chloroethoxy)met...	10.429	93	104988	40.866	ng	#	96
29) 2,4-Dichlorophenol	10.676	162	88074	48.760	ng		97
30) 1,2,4-Trichlorobenzene	10.899	180	97426	47.472	ng		97
31) Naphthalene	11.093	128	259886	41.503	ng		100
32) Benzoic acid	10.312	122	67075	51.749	ng		93
33) 4-Chloroaniline	11.187	127	56344	23.150	ng		97
34) Hexachlorobutadiene	11.387	225	72239	45.009	ng		96
35) Caprolactam	11.945	113	29839m	43.072	ng		
36) 4-Chloro-3-methylphenol	12.292	107	103164	47.516	ng		98
37) 2-Methylnaphthalene	12.685	142	181334	39.443	ng		99
38) 1-Methylnaphthalene	12.903	142	185506	40.759	ng		95
40) 1,2,4,5-Tetrachloroben...	13.050	216	146714	48.213	ng		98
41) Hexachlorocyclopentadiene	13.032	237	179181	130.820	ng		98
43) 2,4,6-Trichlorophenol	13.279	196	87244	50.122	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.349	196	98459	49.017	ng		95
46) 1,1'-Biphenyl	13.678	154	302224	46.884	ng		99
47) 2-Chloronaphthalene	13.725	162	208334	42.816	ng		99
48) 2-Nitroaniline	13.908	65	81997	50.050	ng		94
49) Acenaphthylene	14.566	152	377812	49.227	ng		100
50) Dimethylphthalate	14.284	163	302338	43.576	ng		100
51) 2,6-Dinitrotoluene	14.395	165	60909	52.858	ng		97
52) Acenaphthene	14.906	154	257465	49.101	ng		100
53) 3-Nitroaniline	14.724	138	44398	37.235	ng	#	97
54) 2,4-Dinitrophenol	14.930	184	83418	116.048	ng	#	39
55) Dibenzofuran	15.235	168	366426	43.224	ng		97
56) 4-Nitrophenol	15.018	139	117677	106.448	ng		95
57) 2,4-Dinitrotoluene	15.182	165	93451	52.491	ng		96
58) Fluorene	15.882	166	292173	44.132	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.453	232	105386	54.866	ng		99
60) Diethylphthalate	15.641	149	305550	43.131	ng		99
61) 4-Chlorophenyl-phenyle...	15.870	204	162418	43.715	ng		97
62) 4-Nitroaniline	15.882	138	67423	50.827	ng		96
63) Azobenzene	16.164	77	280291	43.121	ng		98
65) 4,6-Dinitro-2-methylph...	15.940	198	58669	57.577	ng		89
66) n-Nitrosodiphenylamine	16.081	169	276520	45.144	ng		98
67) 4-Bromophenyl-phenylether	16.763	248	118016	43.919	ng		99
68) Hexachlorobenzene	16.886	284	138429	45.156	ng		97
69) Atrazine	17.022	200	122237	46.373	ng		93
70) Pentachlorophenol	17.221	266	194083	101.526	ng		93
71) Phenanthrene	17.621	178	549576	44.319	ng		100
72) Anthracene	17.709	178	561364	44.503	ng		99
73) Carbazole	17.967	167	501000	45.040	ng		100
74) Di-n-butylphthalate	18.526	149	554835	43.135	ng		99
75) Fluoranthene	19.613	202	712273	45.851	ng		98
77) Benzidine	19.777	184	218219	35.015	ng		99
78) Pyrene	19.977	202	742099	40.832	ng		99
80) Butylbenzylphthalate	20.852	149	257602	46.897	ng		93
81) Benzo(a)anthracene	21.834	228	820716	44.497	ng		100
82) 3,3'-Dichlorobenzidine	21.734	252	195042	31.667	ng		98
83) Chrysene	21.904	228	765013	43.590	ng		99
84) Bis(2-ethylhexyl)phtha...	21.740	149	371463	45.257	ng		98
85) Di-n-octyl phthalate	22.997	149	658943	47.618	ng		98
87) Indeno(1,2,3-cd)pyrene	29.031	276	1019238	45.985	ng	#	97
88) Benzo(b)fluoranthene	24.137	252	839878	45.459	ng		98
89) Benzo(k)fluoranthene	24.207	252	872530	47.194	ng		98
90) Benzo(a)pyrene	25.042	252	813551	47.904	ng		99
91) Dibenzo(a,h)anthracene	29.101	278	844801	46.915	ng		98
92) Benzo(g,h,i)perylene	30.224	276	817117	47.502	ng		99

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

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