Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064586.D
Acq On : 27 Oct 2025 14:00
Operator : RC/JU
Sample : PB170222BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 01:20:21 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 :
PB170222BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.220	152	40304	20.000	ng		0.00
21) Naphthalene-d8	11.046	136	162009	20.000	ng		0.00
39) Acenaphthene-d10	14.842	164	130466	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	304053	20.000	ng		0.00
76) Chrysene-d12	21.851	240	320700	20.000	ng		0.00
86) Perylene-d12	25.195	264	326136	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	347927	144.897	ng		0.00
7) Phenol-d6	7.351	99	412174	125.093	ng		0.00
23) Nitrobenzene-d5	9.384	82	238610	88.461	ng		0.00
42) 2,4,6-Tribromophenol	16.317	330	233689	124.104	ng		0.00
45) 2-Fluorobiphenyl	13.473	172	686931	79.807	ng		0.00
79) Terphenyl-d14	20.165	244	1418084	83.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	36507	34.341	ng		94
3) Pyridine	3.990	79	108247	33.907	ng		97
4) n-Nitrosodimethylamine	3.902	42	73358	42.850	ng		88
6) Aniline	7.527	93	125159	27.915	ng		97
8) 2-Chlorophenol	7.780	128	110065	43.793	ng		99
9) Benzaldehyde	7.339	77	23862	13.265	ng		93
10) Phenol	7.380	94	154116	42.294	ng		99
11) bis(2-Chloroethyl)ether	7.621	93	100988	37.695	ng		93
12) 1,3-Dichlorobenzene	8.109	146	112799	38.994	ng		96
13) 1,4-Dichlorobenzene	8.256	146	115581	39.295	ng		96
14) 1,2-Dichlorobenzene	8.579	146	111009	39.129	ng		96
15) Benzyl Alcohol	8.449	79	110183	40.552	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.749	45	261188	37.166	ng		99
17) 2-Methylphenol	8.649	107	103374	42.728	ng		98
18) Hexachloroethane	9.319	117	39284	38.059	ng		97
19) n-Nitroso-di-n-propyla...	9.025	70	93647	41.125	ng		96
20) 3+4-Methylphenols	8.978	107	142125	41.772	ng		99
22) Acetophenone	9.043	105	189450	42.778	ng	#	95
24) Nitrobenzene	9.425	77	123596	42.129	ng		97
25) Isophorone	9.954	82	258646	39.961	ng		99
26) 2-Nitrophenol	10.142	139	42113	37.908	ng		97
27) 2,4-Dimethylphenol	10.189	122	117875	48.961	ng		95
28) bis(2-Chloroethoxy)met...	10.429	93	150179	40.752	ng		99
29) 2,4-Dichlorophenol	10.676	162	117361	45.296	ng		99
30) 1,2,4-Trichlorobenzene	10.905	180	124927	42.436	ng		99
31) Naphthalene	11.093	128	354488	39.465	ng		99
32) Benzoic acid	10.318	122	71315	40.045	ng		92
33) 4-Chloroaniline	11.187	127	75445	21.610	ng		98
34) Hexachlorobutadiene	11.387	225	89693	38.958	ng		93
35) Caprolactam	11.951	113	37454m	37.690	ng		
36) 4-Chloro-3-methylphenol	12.292	107	133753	42.946	ng		96
37) 2-Methylnaphthalene	12.686	142	241083	36.557	ng		99
38) 1-Methylnaphthalene	12.903	142	253651	38.853	ng		96
40) 1,2,4,5-Tetrachloroben...	13.050	216	183253	41.853	ng		99
41) Hexachlorocyclopentadiene	13.038	237	200216	101.591	ng		96
43) 2,4,6-Trichlorophenol	13.279	196	109331	43.653	ng		96

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44) 2,4,5-Trichlorophenol	13.344	196	125605	43.458	ng		98
46) 1,1'-Biphenyl	13.679	154	390910	42.145	ng		98
47) 2-Chloronaphthalene	13.726	162	275135	39.298	ng		99
48) 2-Nitroaniline	13.908	65	87764	38.057	ng		96
49) Acenaphthylene	14.566	152	498547	45.145	ng		99
50) Dimethylphthalate	14.290	163	391752	39.241	ng		99
51) 2,6-Dinitrotoluene	14.401	165	68546	42.037	ng		94
52) Acenaphthene	14.907	154	318306	42.188	ng		98
53) 3-Nitroaniline	14.724	138	51553	30.048	ng		96
54) 2,4-Dinitrophenol	14.930	184	75685	75.233	ng	#	40
55) Dibenzofuran	15.236	168	477686	39.162	ng		96
56) 4-Nitrophenol	15.018	139	130581	82.092	ng		99
57) 2,4-Dinitrotoluene	15.183	165	102108	40.594	ng	#	100
58) Fluorene	15.882	166	382963	40.202	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.453	232	125326	45.346	ng		98
60) Diethylphthalate	15.647	149	392719	38.527	ng		100
61) 4-Chlorophenyl-phenyle...	15.876	204	210881	39.447	ng		99
62) 4-Nitroaniline	15.882	138	76243	39.945	ng		98
63) Azobenzene	16.164	77	372928	39.873	ng		98
65) 4,6-Dinitro-2-methylph...	15.941	198	53380	40.813	ng		95
66) n-Nitrosodiphenylamine	16.082	169	347155	42.268	ng		99
67) 4-Bromophenyl-phenylether	16.763	248	147381	40.903	ng		98
68) Hexachlorobenzene	16.887	284	169942	41.342	ng		95
69) Atrazine	17.022	200	140812	39.839	ng		97
70) Pentachlorophenol	17.221	266	221775	86.519	ng		93
71) Phenanthrene	17.621	178	673998	40.535	ng		99
72) Anthracene	17.709	178	676527	39.998	ng		99
73) Carbazole	17.968	167	595884	39.952	ng		99
74) Di-n-butylphthalate	18.532	149	666573	38.648	ng		99
75) Fluoranthene	19.613	202	807948	38.788	ng		99
77) Benzidine	19.777	184	190724	26.545	ng		100
78) Pyrene	19.971	202	836965	39.945	ng		100
80) Butylbenzylphthalate	20.853	149	278893	44.040	ng		97
81) Benzo(a)anthracene	21.834	228	874446	41.123	ng		99
82) 3,3'-Dichlorobenzidine	21.734	252	205104	28.885	ng		99
83) Chrysene	21.904	228	817870	40.422	ng		99
84) Bis(2-ethylhexyl)phtha...	21.746	149	405733	42.877	ng		98
85) Di-n-octyl phthalate	23.009	149	675821	42.361	ng		98
87) Indeno(1,2,3-cd)pyrene	29.025	276	1024158	42.688	ng		98
88) Benzo(b)fluoranthene	24.131	252	869051	43.456	ng		100
89) Benzo(k)fluoranthene	24.207	252	862673	43.107	ng		99
90) Benzo(a)pyrene	25.042	252	822967	44.768	ng		99
91) Dibenzo(a,h)anthracene	29.108	278	848995	43.557	ng		99
92) Benzo(g,h,i)perylene	30.236	276	819075	43.990	ng		97

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

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