Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064643.D
Acq On : 30 Oct 2025 16:23
Operator : RC/JU
Sample : PB170323BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 04:33:34 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 :
PB170323BS

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	8.217	152	24456	20.000	ng		0.00
21) Naphthalene-d8	11.043	136	97688	20.000	ng	#	0.00
39) Acenaphthene-d10	14.839	164	78022	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	194663	20.000	ng		0.00
76) Chrysene-d12	21.854	240	231082	20.000	ng		0.00
86) Perylene-d12	25.197	264	254409	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	221281	151.872	ng		0.00
7) Phenol-d6	7.354	99	312165	156.134	ng		0.00
23) Nitrobenzene-d5	9.381	82	196886	121.054	ng		0.00
42) 2,4,6-Tribromophenol	16.320	330	208631	185.270	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	528304	102.634	ng		0.00
79) Terphenyl-d14	20.168	244	1239141	101.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	28556	44.269	ng		99
3) Pyridine	3.987	79	81766	42.210	ng		98
4) n-Nitrosodimethylamine	3.899	42	57588	55.436	ng		96
6) Aniline	7.530	93	102371	37.629	ng		99
8) 2-Chlorophenol	7.777	128	90225	59.162	ng		97
9) Benzaldehyde	7.336	77	41697	38.201	ng		98
10) Phenol	7.383	94	123451	55.833	ng		96
11) bis(2-Chloroethyl)ether	7.624	93	81939	50.404	ng		94
12) 1,3-Dichlorobenzene	8.106	146	94369	53.763	ng		93
13) 1,4-Dichlorobenzene	8.253	146	96728	54.196	ng		98
14) 1,2-Dichlorobenzene	8.576	146	93892	54.541	ng		96
15) Benzyl Alcohol	8.447	79	94353	57.229	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.746	45	222135	52.093	ng		99
17) 2-Methylphenol	8.646	107	84224	57.372	ng		96
18) Hexachloroethane	9.322	117	35908	57.331	ng		90
19) n-Nitroso-di-n-propyla...	9.022	70	75079	54.336	ng		97
20) 3+4-Methylphenols	8.975	107	115127	55.764	ng		96
22) Acetophenone	9.040	105	162415	60.820	ng	#	98
24) Nitrobenzene	9.422	77	110949	62.718	ng		99
25) Isophorone	9.956	82	209673	53.725	ng		98
26) 2-Nitrophenol	10.145	139	49458	70.866	ng		92
27) 2,4-Dimethylphenol	10.192	122	95755	65.960	ng		94
28) bis(2-Chloroethoxy)met...	10.432	93	120586	54.267	ng		99
29) 2,4-Dichlorophenol	10.679	162	99716	63.826	ng		99
30) 1,2,4-Trichlorobenzene	10.902	180	107052	60.308	ng		98
31) Naphthalene	11.096	128	295578	54.573	ng		99
32) Benzoic acid	10.321	122	74570	64.328	ng		93
33) 4-Chloroaniline	11.184	127	48307	22.947	ng		98
34) Hexachlorobutadiene	11.384	225	80655	58.100	ng		97
35) Caprolactam	11.948	113	33104m	55.246	ng		
36) 4-Chloro-3-methylphenol	12.295	107	114270	60.849	ng		95
37) 2-Methylnaphthalene	12.689	142	203465	51.167	ng		99
38) 1-Methylnaphthalene	12.906	142	214041	54.373	ng		97
40) 1,2,4,5-Tetrachloroben...	13.047	216	165526	63.215	ng		99
41) Hexachlorocyclopentadiene	13.035	237	215989	183.260	ng		98
43) 2,4,6-Trichlorophenol	13.276	196	100932	67.387	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.347	196	109580	63.398	ng		96
46)	1,1'-Biphenyl	13.682	154	343481	61.924	ng		96
47)	2-Chloronaphthalene	13.723	162	233653	55.806	ng		98
48)	2-Nitroaniline	13.911	65	93518	65.288	ng		90
49)	Acenaphthylene	14.569	152	427388	64.715	ng		99
50)	Dimethylphthalate	14.287	163	342831	57.423	ng		99
51)	2,6-Dinitrotoluene	14.398	165	68684	68.278	ng		99
52)	Acenaphthene	14.904	154	288780	64.002	ng		99
53)	3-Nitroaniline	14.727	138	43405	42.304	ng	#	92
54)	2,4-Dinitrophenol	14.927	184	89494	143.311	ng	#	46
55)	Dibenzofuran	15.239	168	411098	56.356	ng		98
56)	4-Nitrophenol	15.021	139	128722	135.317	ng		95
57)	2,4-Dinitrotoluene	15.180	165	102003	65.765	ng		99
58)	Fluorene	15.885	166	325242	57.092	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.456	232	114673	69.380	ng		99
60)	Diethylphthalate	15.644	149	339987	55.773	ng		99
61)	4-Chlorophenyl-phenyle...	15.873	204	183472	57.388	ng		98
62)	4-Nitroaniline	15.885	138	75171	65.855	ng		94
63)	Azobenzene	16.167	77	310937	55.592	ng		97
65)	4,6-Dinitro-2-methylph...	15.944	198	65622	73.375	ng		93
66)	n-Nitrosodiphenylamine	16.079	169	302422	57.513	ng		97
67)	4-Bromophenyl-phenylether	16.766	248	133628	57.927	ng		95
68)	Hexachlorobenzene	16.890	284	155583	59.118	ng		97
69)	Atrazine	17.019	200	136961	60.525	ng		96
70)	Pentachlorophenol	17.224	266	208579	127.097	ng		95
71)	Phenanthrene	17.624	178	597420	56.120	ng		99
72)	Anthracene	17.712	178	612114	56.526	ng		99
73)	Carbazole	17.971	167	543549	56.922	ng		99
74)	Di-n-butylphthalate	18.529	149	605926	54.873	ng		99
75)	Fluoranthene	19.616	202	771273	57.835	ng		99
77)	Benzidine	19.780	184	219280	42.355	ng		99
78)	Pyrene	19.974	202	794371	52.615	ng		100
80)	Butylbenzylphthalate	20.850	149	276421	60.578	ng		98
81)	Benzo(a)anthracene	21.837	228	876217	57.187	ng		99
82)	3,3'-Dichlorobenzidine	21.737	252	179691	35.120	ng		100
83)	Chrysene	21.901	228	813693	55.812	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.743	149	399553	58.600	ng	#	98
85)	Di-n-octyl phthalate	23.000	149	707668	61.560	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.034	276	1085740	58.014	ng	#	97
88)	Benzo(b)fluoranthene	24.140	252	887458	56.887	ng		99
89)	Benzo(k)fluoranthene	24.210	252	909914	58.287	ng		98
90)	Benzo(a)pyrene	25.045	252	865478	60.354	ng		99
91)	Dibenzo(a,h)anthracene	29.099	278	896298	58.949	ng		96
92)	Benzo(g,h,i)perylene	30.233	276	861867	59.338	ng		99

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

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