Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064622.D
Acq On : 29 Oct 2025 14:06
Operator : RC/JU
Sample : PB170215BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 06:35:11 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 :
PB170215BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.217	152	30857	20.000	ng		0.00
21) Naphthalene-d8	11.044	136	126314	20.000	ng		0.00
39) Acenaphthene-d10	14.839	164	102616	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	252758	20.000	ng		0.00
76) Chrysene-d12	21.854	240	286271	20.000	ng		0.00
86) Perylene-d12	25.192	264	311364	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	229807	125.006	ng		0.00
7) Phenol-d6	7.354	99	315661	125.132	ng		0.00
23) Nitrobenzene-d5	9.381	82	200721	95.443	ng		0.00
42) 2,4,6-Tribromophenol	16.320	330	213604	144.224	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	539175	79.642	ng		0.00
79) Terphenyl-d14	20.168	244	1263324	83.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	27367	33.625	ng		97
3) Pyridine	3.987	79	80236	32.828	ng		99
4) n-Nitrosodimethylamine	3.899	42	55779	42.556	ng		96
6) Aniline	7.524	93	111247	32.409	ng		98
8) 2-Chlorophenol	7.777	128	90171	46.861	ng		96
9) Benzaldehyde	7.336	77	44662	32.430	ng		99
10) Phenol	7.377	94	125167	44.866	ng		96
11) bis(2-Chloroethyl)ether	7.618	93	82115	40.034	ng		94
12) 1,3-Dichlorobenzene	8.106	146	89896	40.591	ng		96
13) 1,4-Dichlorobenzene	8.253	146	95840	42.559	ng		92
14) 1,2-Dichlorobenzene	8.576	146	95566	43.998	ng		95
15) Benzyl Alcohol	8.447	79	97685	46.959	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.746	45	208165	38.690	ng		97
17) 2-Methylphenol	8.646	107	82384	44.477	ng		95
18) Hexachloroethane	9.322	117	34789	44.022	ng		96
19) n-Nitroso-di-n-propyla...	9.022	70	75603	43.365	ng		98
20) 3+4-Methylphenols	8.975	107	115498	44.339	ng		95
22) Acetophenone	9.040	105	161222	46.691	ng		96
24) Nitrobenzene	9.422	77	109545	47.891	ng		97
25) Isophorone	9.951	82	215090	42.623	ng		100
26) 2-Nitrophenol	10.139	139	44164	49.908	ng	#	85
27) 2,4-Dimethylphenol	10.192	122	95696	50.981	ng		97
28) bis(2-Chloroethoxy)met...	10.433	93	121990	42.458	ng		99
29) 2,4-Dichlorophenol	10.679	162	99058	49.036	ng		97
30) 1,2,4-Trichlorobenzene	10.903	180	106824	46.541	ng		97
31) Naphthalene	11.091	128	295744	42.229	ng		99
32) Benzoic acid	10.309	122	73385	50.777	ng		94
33) 4-Chloroaniline	11.185	127	64445	23.675	ng		97
34) Hexachlorobutadiene	11.384	225	78836	43.919	ng		97
35) Caprolactam	11.943	113	35241m	45.484	ng		
36) 4-Chloro-3-methylphenol	12.289	107	115355	47.506	ng		98
37) 2-Methylnaphthalene	12.683	142	200867	39.066	ng		99
38) 1-Methylnaphthalene	12.900	142	210799	41.413	ng		95
40) 1,2,4,5-Tetrachloroben...	13.047	216	160584	46.629	ng		99
41) Hexachlorocyclopentadiene	13.035	237	193126	124.589	ng		99
43) 2,4,6-Trichlorophenol	13.276	196	97819	49.656	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	111336	48.976	ng		99
46) 1,1'-Biphenyl	13.682	154	341429	46.801	ng		97
47) 2-Chloronaphthalene	13.723	162	234788	42.637	ng		96
48) 2-Nitroaniline	13.911	65	87853	47.555	ng		94
49) Acenaphthylene	14.563	152	430487	49.562	ng		98
50) Dimethylphthalate	14.287	163	347656	44.275	ng		99
51) 2,6-Dinitrotoluene	14.398	165	65227	50.188	ng		96
52) Acenaphthene	14.904	154	290908	49.021	ng		97
53) 3-Nitroaniline	14.722	138	49122	36.402	ng	#	99
54) 2,4-Dinitrophenol	14.927	184	88044	108.602	ng	#	42
55) Dibenzofuran	15.239	168	418469	43.618	ng		99
56) 4-Nitrophenol	15.015	139	127758	102.115	ng		94
57) 2,4-Dinitrotoluene	15.180	165	100857	50.198	ng		98
58) Fluorene	15.879	166	335610	44.792	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.456	232	114603	52.720	ng		98
60) Diethylphthalate	15.644	149	357386	44.576	ng		99
61) 4-Chlorophenyl-phenyle...	15.873	204	190016	45.190	ng		97
62) 4-Nitroaniline	15.885	138	74872	49.873	ng		95
63) Azobenzene	16.161	77	323701	44.003	ng		99
65) 4,6-Dinitro-2-methylph...	15.944	198	61637	54.580	ng		96
66) n-Nitrosodiphenylamine	16.079	169	307367	45.018	ng		96
67) 4-Bromophenyl-phenylether	16.766	248	133834	44.682	ng		97
68) Hexachlorobenzene	16.884	284	155883	45.618	ng		96
69) Atrazine	17.019	200	140535	47.830	ng		98
70) Pentachlorophenol	17.219	266	214000	100.429	ng		95
71) Phenanthrene	17.618	178	612283	44.297	ng		99
72) Anthracene	17.712	178	631323	44.900	ng		100
73) Carbazole	17.971	167	558592	45.052	ng		99
74) Di-n-butylphthalate	18.529	149	636589	44.400	ng		100
75) Fluoranthene	19.616	202	768700	44.393	ng		99
77) Benzidine	19.780	184	240455	37.491	ng		99
78) Pyrene	19.974	202	804895	43.035	ng		99
80) Butylbenzylphthalate	20.850	149	279278	49.405	ng		97
81) Benzo(a)anthracene	21.831	228	850571	44.811	ng		99
82) 3,3'-Dichlorobenzidine	21.737	252	205029	32.347	ng		98
83) Chrysene	21.901	228	799015	44.240	ng		99
84) Bis(2-ethylhexyl)phtha...	21.737	149	407169	48.204	ng		99
85) Di-n-octyl phthalate	23.000	149	709236	49.802	ng		99
87) Indeno(1,2,3-cd)pyrene	29.034	276	1033332	45.114	ng	#	97
88) Benzo(b)fluoranthene	24.134	252	872834	45.715	ng		99
89) Benzo(k)fluoranthene	24.205	252	867424	45.401	ng		98
90) Benzo(a)pyrene	25.039	252	830855	47.341	ng		100
91) Dibenzo(a,h)anthracene	29.099	278	858540	46.137	ng		99
92) Benzo(g,h,i)perylene	30.233	276	825558	46.441	ng		99

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

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