Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064620.D
Acq On : 29 Oct 2025 12:44
Operator : RC/JU
Sample : PB170285BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 05:49:29 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 :
PB170285BS

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	29150	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	120630	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	94777	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	243860	20.000	ng	0.00
76) Chrysene-d12	21.854	240	284315	20.000	ng	0.00
86) Perylene-d12	25.197	264	307438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	216508	124.668	ng	0.00
7) Phenol-d6	7.353	99	292660	122.807	ng	0.00
23) Nitrobenzene-d5	9.380	82	178485	88.869	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	205036	149.889	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	506660	81.029	ng	0.00
79) Terphenyl-d14	20.168	244	1229145	81.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	26022	33.844	ng	95
3) Pyridine	3.987	79	75019	32.491	ng	97
4) n-Nitrosodimethylamine	3.899	42	51919	41.931	ng	97
6) Aniline	7.524	93	102931	31.742	ng	96
8) 2-Chlorophenol	7.776	128	84168	46.303	ng	100
9) Benzaldehyde	7.336	77	41192	31.661	ng	99
10) Phenol	7.377	94	114314	43.375	ng	94
11) bis(2-Chloroethyl)ether	7.624	93	75868	39.154	ng	92
12) 1,3-Dichlorobenzene	8.111	146	85739	40.981	ng	97
13) 1,4-Dichlorobenzene	8.252	146	87841	41.291	ng	95
14) 1,2-Dichlorobenzene	8.575	146	89718	43.724	ng	99
15) Benzyl Alcohol	8.446	79	89000	45.289	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.746	45	197904	38.937	ng	98
17) 2-Methylphenol	8.646	107	81699	46.690	ng	94
18) Hexachloroethane	9.316	117	31771	42.558	ng	96
19) n-Nitroso-di-n-propyla...	9.022	70	70022	42.516	ng	98
20) 3+4-Methylphenols	8.975	107	108792	44.210	ng	97
22) Acetophenone	9.040	105	152527	46.255	ng	94
24) Nitrobenzene	9.421	77	97805	44.773	ng	98
25) Isophorone	9.950	82	196669	40.809	ng	99
26) 2-Nitrophenol	10.144	139	41271	48.903	ng	96
27) 2,4-Dimethylphenol	10.191	122	91048	50.790	ng	98
28) bis(2-Chloroethoxy)met...	10.432	93	116210	42.352	ng	96
29) 2,4-Dichlorophenol	10.679	162	94693	49.084	ng	95
30) 1,2,4-Trichlorobenzene	10.902	180	98699	45.027	ng	97
31) Naphthalene	11.096	128	273215	40.851	ng	99
32) Benzoic acid	10.309	122	68457	49.760	ng	93
33) 4-Chloroaniline	11.184	127	60425	23.244	ng	96
34) Hexachlorobutadiene	11.384	225	71962	41.979	ng	98
35) Caprolactam	11.942	113	33724m	45.577	ng	
36) 4-Chloro-3-methylphenol	12.289	107	112610	48.561	ng	99
37) 2-Methylnaphthalene	12.682	142	187343	38.153	ng	99
38) 1-Methylnaphthalene	12.900	142	193398	39.785	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	149444	46.983	ng	99
41) Hexachlorocyclopentadiene	13.035	237	178951	124.993	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	90140	49.543	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102727	48.926	ng		99
46) 1,1'-Biphenyl	13.681	154	317174	47.072	ng		98
47) 2-Chloronaphthalene	13.722	162	215943	42.458	ng		99
48) 2-Nitroaniline	13.910	65	81976	48.011	ng		92
49) Acenaphthylene	14.563	152	401904	50.098	ng		98
50) Dimethylphthalate	14.286	163	328784	45.335	ng		99
51) 2,6-Dinitrotoluene	14.398	165	62290	51.784	ng		98
52) Acenaphthene	14.903	154	266233	48.574	ng		99
53) 3-Nitroaniline	14.727	138	46222	37.086	ng		98
54) 2,4-Dinitrophenol	14.927	184	83820	111.772	ng	#	41
55) Dibenzofuran	15.238	168	390784	44.101	ng		99
56) 4-Nitrophenol	15.015	139	120864	104.595	ng		88
57) 2,4-Dinitrotoluene	15.179	165	94566	50.914	ng	#	97
58) Fluorene	15.884	166	313265	45.268	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.456	232	109287	54.432	ng		97
60) Diethylphthalate	15.644	149	337793	45.617	ng		99
61) 4-Chlorophenyl-phenyle...	15.873	204	174263	44.872	ng		98
62) 4-Nitroaniline	15.884	138	72854	52.542	ng		98
63) Azobenzene	16.161	77	307485	45.256	ng		99
65) 4,6-Dinitro-2-methylph...	15.943	198	57550	52.995	ng		95
66) n-Nitrosodiphenylamine	16.078	169	295082	44.796	ng		99
67) 4-Bromophenyl-phenylether	16.766	248	126118	43.642	ng		98
68) Hexachlorobenzene	16.889	284	148443	45.026	ng		97
69) Atrazine	17.018	200	133212	46.992	ng		98
70) Pentachlorophenol	17.224	266	204324	99.387	ng		91
71) Phenanthrene	17.618	178	593814	44.528	ng		99
72) Anthracene	17.712	178	598590	44.126	ng		100
73) Carbazole	17.970	167	544489	45.517	ng		98
74) Di-n-butylphthalate	18.528	149	609776	44.081	ng		99
75) Fluoranthene	19.615	202	741946	44.411	ng		99
77) Benzidine	19.780	184	244512	38.386	ng		99
78) Pyrene	19.974	202	764788	41.171	ng		99
80) Butylbenzylphthalate	20.849	149	274784	48.944	ng		98
81) Benzo(a)anthracene	21.836	228	822317	43.620	ng		99
82) 3,3'-Dichlorobenzidine	21.736	252	205739	32.682	ng		98
83) Chrysene	21.901	228	777014	43.317	ng		98
84) Bis(2-ethylhexyl)phtha...	21.742	149	398097	47.454	ng		100
85) Di-n-octyl phthalate	23.000	149	695154	49.149	ng		99
87) Indeno(1,2,3-cd)pyrene	29.034	276	1032320	45.645	ng	#	97
88) Benzo(b)fluoranthene	24.134	252	849214	45.046	ng		99
89) Benzo(k)fluoranthene	24.204	252	857397	45.449	ng		99
90) Benzo(a)pyrene	25.044	252	811930	46.854	ng		100
91) Dibenzo(a,h)anthracene	29.104	278	853781	46.467	ng		98
92) Benzo(g,h,i)perylene	30.232	276	825822	47.050	ng		98

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

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