Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
Data File : BG064321.D
Acq On : 9 Sep 2025 13:00
Operator : RC/JU
Sample : PB169604BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 13:37:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169604BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.850	152	20961	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	89648	20.000	ng		# 0.00
39) Acenaphthene-d10	14.477	164	70385	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	180400	20.000	ng		# 0.00
76) Chrysene-d12	21.451	240	191478	20.000	ng		# 0.00
86) Perylene-d12	24.460	264	206677	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	149137	127.649	ng		0.00
7) Phenol-d6	7.027	99	200839	125.126	ng		0.00
23) Nitrobenzene-d5	9.001	82	142844	88.864	ng		-0.02
42) 2,4,6-Tribromophenol	15.964	330	151512	162.517	ng		0.00
45) 2-Fluorobiphenyl	13.096	172	380857	82.592	ng		-0.02
79) Terphenyl-d14	19.836	244	812695	88.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	14237	29.236	ng		95
3) Pyridine	3.737	79	41853	29.197	ng	#	62
4) n-Nitrosodimethylamine	3.655	42	38002	40.080	ng		95
6) Aniline	7.174	93	64404	29.016	ng		95
8) 2-Chlorophenol	7.421	128	60856	42.626	ng		97
9) Benzaldehyde	6.986	77	32274	24.433	ng		99
10) Phenol	7.051	94	70745	39.977	ng		85
11) bis(2-Chloroethyl)ether	7.274	93	46137	34.695	ng		96
12) 1,3-Dichlorobenzene	7.738	146	64043	42.166	ng		96
13) 1,4-Dichlorobenzene	7.885	146	64781	42.261	ng		98
14) 1,2-Dichlorobenzene	8.202	146	62453	42.215	ng		97
15) Benzyl Alcohol	8.085	79	62349	42.093	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.373	45	87503	28.821	ng		97
17) 2-Methylphenol	8.290	107	51460	39.018	ng		95
18) Hexachloroethane	8.931	117	24130	40.327	ng	#	82
19) n-Nitroso-di-n-propyla...	8.655	70	43806	35.660	ng	#	96
20) 3+4-Methylphenols	8.619	107	71045	38.768	ng		95
22) Acetophenone	8.666	105	98215	43.305	ng	#	98
24) Nitrobenzene	9.042	77	70540	42.001	ng		97
25) Isophorone	9.565	82	126280	37.799	ng		96
26) 2-Nitrophenol	9.753	139	32891	45.323	ng	#	87
27) 2,4-Dimethylphenol	9.818	122	60567	47.537	ng		93
28) bis(2-Chloroethoxy)met...	10.053	93	68697	38.136	ng		96
29) 2,4-Dichlorophenol	10.288	162	61582	45.809	ng		95
30) 1,2,4-Trichlorobenzene	10.505	180	65384	46.128	ng		98
31) Naphthalene	10.688	128	188741	40.601	ng		99
32) Benzoic acid	9.971	122	45668	45.155	ng		88
33) 4-Chloroaniline	10.793	127	41766	23.181	ng		97
34) Hexachlorobutadiene	10.981	225	50702	48.390	ng		91
35) Caprolactam	11.563	113	23200m	44.570	ng		
36) 4-Chloro-3-methylphenol	11.921	107	80212	45.987	ng		93
37) 2-Methylnaphthalene	12.297	142	130693	37.823	ng		94
38) 1-Methylnaphthalene	12.515	142	139554m	40.889	ng		
40) 1,2,4,5-Tetrachloroben...	12.668	216	91415	45.014	ng		98
41) Hexachlorocyclopentadiene	12.650	237	126693	131.263	ng		96
43) 2,4,6-Trichlorophenol	12.908	196	60815	44.803	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	68251	46.352	ng		97
46) 1,1'-Biphenyl	13.314	154	219315	42.781	ng		98
47) 2-Chloronaphthalene	13.349	162	153781	39.901	ng		99
48) 2-Nitroaniline	13.549	65	59873	45.579	ng		89
49) Acenaphthylene	14.201	152	263499	46.251	ng		98
50) Dimethylphthalate	13.937	163	229134	43.009	ng		100
51) 2,6-Dinitrotoluene	14.048	165	46795	45.371	ng		89
52) Acenaphthene	14.542	154	158427	39.405	ng		99
53) 3-Nitroaniline	14.377	138	34181	31.638	ng		93
54) 2,4-Dinitrophenol	14.589	184	64478	94.577	ng	#	77
55) Dibenzofuran	14.877	168	261956	41.423	ng		98
56) 4-Nitrophenol	14.700	139	80003	90.274	ng	#	89
57) 2,4-Dinitrotoluene	14.836	165	77348	49.599	ng	#	99
58) Fluorene	15.523	166	223373	43.095	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.100	232	72202	50.983	ng		96
60) Diethylphthalate	15.306	149	249991	43.846	ng		99
61) 4-Chlorophenyl-phenyle...	15.523	204	115145	44.555	ng		96
62) 4-Nitroaniline	15.547	138	51824	47.009	ng		94
63) Azobenzene	15.811	77	206812	40.697	ng		94
65) 4,6-Dinitro-2-methylph...	15.605	198	49379	47.675	ng		89
66) n-Nitrosodiphenylamine	15.735	169	201840	40.672	ng		97
67) 4-Bromophenyl-phenylether	16.410	248	84156	43.921	ng		92
68) Hexachlorobenzene	16.528	284	92746	43.588	ng		96
69) Atrazine	16.686	200	92498	44.639	ng		94
70) Pentachlorophenol	16.874	266	123191	95.485	ng		90
71) Phenanthrene	17.262	178	391485	41.144	ng		98
72) Anthracene	17.350	178	403217	41.660	ng		100
73) Carbazole	17.621	167	356359	41.795	ng		98
74) Di-n-butylphthalate	18.185	149	430904	42.065	ng	#	97
75) Fluoranthene	19.272	202	478536	42.773	ng		96
77) Benzidine	19.454	184	156448	38.840	ng		98
78) Pyrene	19.630	202	490145	40.631	ng		100
80) Butylbenzylphthalate	20.529	149	192215	42.245	ng		95
81) Benzo(a)anthracene	21.434	228	503168	41.075	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	106602	26.720	ng		95
83) Chrysene	21.492	228	478345	40.674	ng		98
84) Bis(2-ethylhexyl)phtha...	21.357	149	278616	40.786	ng	#	98
85) Di-n-octyl phthalate	22.497	149	478502	40.201	ng		97
87) Indeno(1,2,3-cd)pyrene	27.856	276	612735	43.413	ng		99
88) Benzo(b)fluoranthene	23.514	252	508914	43.629	ng		98
89) Benzo(k)fluoranthene	23.578	252	512127	43.095	ng	#	95
90) Benzo(a)pyrene	24.324	252	479058	44.150	ng	#	95
91) Dibenzo(a,h)anthracene	27.909	278	500626	44.176	ng		98
92) Benzo(g,h,i)perylene	28.907	276	493045	44.712	ng	#	95

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

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