Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064534.D
Acq On : 17 Oct 2025 13:43
Operator : RC/JU
Sample : PB170144BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 14:19:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170144BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	13548	20.000	ng		0.00
21) Naphthalene-d8	10.603	136	60553	20.000	ng	#	0.00
39) Acenaphthene-d10	14.445	164	47398	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	115978	20.000	ng		0.00
76) Chrysene-d12	21.414	240	125702	20.000	ng		0.00
86) Perylene-d12	24.392	264	135853	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.415	112	103602	141.522	ng		0.00
7) Phenol-d6	7.001	99	138737	141.027	ng		0.01
23) Nitrobenzene-d5	8.975	82	94832	84.209	ng		0.00
42) 2,4,6-Tribromophenol	15.938	330	114577	133.360	ng		0.00
45) 2-Fluorobiphenyl	13.070	172	267937	83.324	ng		0.00
79) Terphenyl-d14	19.810	244	565751	85.176	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	9344	32.270	ng		95
3) Pyridine	3.705	79	24560	31.560	ng		97
4) n-Nitrosodimethylamine	3.623	42	24835	44.022	ng		97
6) Aniline	7.148	93	44214	35.630	ng		99
8) 2-Chlorophenol	7.389	128	43477	48.365	ng		96
9) Benzaldehyde	6.960	77	18692	21.405	ng		99
10) Phenol	7.025	94	51729	49.846	ng		94
11) bis(2-Chloroethyl)ether	7.242	93	29852	42.476	ng		95
12) 1,3-Dichlorobenzene	7.706	146	44092	44.838	ng		94
13) 1,4-Dichlorobenzene	7.853	146	46884	47.505	ng		98
14) 1,2-Dichlorobenzene	8.164	146	44938	46.200	ng		98
15) Benzyl Alcohol	8.059	79	43931	48.490	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.341	45	45805	40.433	ng		98
17) 2-Methylphenol	8.264	107	36599	48.703	ng		98
18) Hexachloroethane	8.893	117	17058	43.788	ng	#	83
19) n-Nitroso-di-n-propyla...	8.623	70	30636	46.565	ng		99
20) 3+4-Methylphenols	8.593	107	50826	48.467	ng		95
22) Acetophenone	8.634	105	72002	49.110	ng		95
24) Nitrobenzene	9.010	77	49030	43.659	ng		95
25) Isophorone	9.539	82	84589	41.463	ng	#	97
26) 2-Nitrophenol	9.721	139	24998	44.725	ng		91
27) 2,4-Dimethylphenol	9.786	122	44134	51.699	ng		95
28) bis(2-Chloroethoxy)met...	10.015	93	46826	45.028	ng		94
29) 2,4-Dichlorophenol	10.262	162	46077	46.675	ng		98
30) 1,2,4-Trichlorobenzene	10.468	180	51994	48.305	ng		98
31) Naphthalene	10.656	128	137476	44.089	ng		99
32) Benzoic acid	9.962	122	32278	49.247	ng		96
33) 4-Chloroaniline	10.767	127	31783	26.562	ng		96
34) Hexachlorobutadiene	10.943	225	41295	44.797	ng		95
35) Caprolactam	11.543	113	14864m	43.983	ng		
36) 4-Chloro-3-methylphenol	11.901	107	55528	46.254	ng		98
37) 2-Methylnaphthalene	12.265	142	96169	40.178	ng		98
38) 1-Methylnaphthalene	12.489	142	99556m	41.713	ng		
40) 1,2,4,5-Tetrachloroben...	12.636	216	73405	47.965	ng		97
41) Hexachlorocyclopentadiene	12.618	237	105773	132.127	ng		100
43) 2,4,6-Trichlorophenol	12.877	196	44895	45.890	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.959	196	51283	46.953	ng		93
46) 1,1'-Biphenyl	13.282	154	167348	49.090	ng		97
47) 2-Chloronaphthalene	13.323	162	110725	43.503	ng		98
48) 2-Nitroaniline	13.529	65	38787	44.650	ng		94
49) Acenaphthylene	14.169	152	194958	51.599	ng		99
50) Dimethylphthalate	13.911	163	159924	43.080	ng		97
51) 2,6-Dinitrotoluene	14.022	165	35896	46.419	ng		89
52) Acenaphthene	14.510	154	111143	42.340	ng		99
53) 3-Nitroaniline	14.357	138	22218	31.154	ng		97
54) 2,4-Dinitrophenol	14.569	184	47351	84.445	ng	#	82
55) Dibenzofuran	14.845	168	195550	45.118	ng		99
56) 4-Nitrophenol	14.680	139	50291	89.566	ng	#	82
57) 2,4-Dinitrotoluene	14.815	165	53188	44.993	ng	#	91
58) Fluorene	15.497	166	160529	44.551	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.080	232	53902m	48.357	ng		
60) Diethylphthalate	15.274	149	173957	43.682	ng		98
61) 4-Chlorophenyl-phenyle...	15.491	204	86907	44.179	ng		94
62) 4-Nitroaniline	15.520	138	35941	48.352	ng		85
63) Azobenzene	15.785	77	137914	44.717	ng		97
65) 4,6-Dinitro-2-methylph...	15.579	198	38521	47.703	ng		96
66) n-Nitrosodiphenylamine	15.708	169	144777	46.746	ng		96
67) 4-Bromophenyl-phenylether	16.384	248	62103	45.504	ng		90
68) Hexachlorobenzene	16.496	284	73779	47.242	ng		97
69) Atrazine	16.660	200	65947	47.860	ng		99
70) Pentachlorophenol	16.848	266	90184	98.765	ng		97
71) Phenanthrene	17.230	178	276547	45.596	ng		98
72) Anthracene	17.318	178	285078	46.852	ng		99
73) Carbazole	17.595	167	246218	46.815	ng		97
74) Di-n-butylphthalate	18.153	149	297960	46.409	ng		99
75) Fluoranthene	19.240	202	342100	47.214	ng		99
77) Benzidine	19.428	184	95783	30.622	ng		97
78) Pyrene	19.604	202	347286	42.572	ng		96
80) Butylbenzylphthalate	20.497	149	129152	44.661	ng		99
81) Benzo(a)anthracene	21.396	228	362947	45.221	ng		97
82) 3,3'-Dichlorobenzidine	21.320	252	84466	31.093	ng	#	98
83) Chrysene	21.461	228	342262	44.965	ng		98
84) Bis(2-ethylhexyl)phtha...	21.320	149	187922	46.057	ng		94
85) Di-n-octyl phthalate	22.442	149	318467	46.441	ng		99
87) Indeno(1,2,3-cd)pyrene	27.759	276	445204	47.081	ng	#	95
88) Benzo(b)fluoranthene	23.458	252	364867	47.209	ng		98
89) Benzo(k)fluoranthene	23.517	252	367590	47.224	ng		98
90) Benzo(a)pyrene	24.263	252	347442	48.777	ng		98
91) Dibenzo(a,h)anthracene	27.806	278	361572	47.813	ng	#	97
92) Benzo(g,h,i)perylene	28.811	276	357922	48.704	ng		97

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

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