Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064490.D
Acq On : 3 Oct 2025 16:57
Operator : RC/JU
Sample : PB169973BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 17:39:14 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 :
PB169973BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	15312	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	68886	20.000	ng	#	0.00
39) Acenaphthene-d10	14.453	164	53563	20.000	ng		0.00
64) Phenanthrene-d10	17.191	188	138632	20.000	ng	#	0.00
76) Chrysene-d12	21.415	240	141515	20.000	ng		0.00
86) Perylene-d12	24.388	264	151583	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	134466	162.522	ng		0.01
7) Phenol-d6	7.003	99	172569	155.209	ng		0.02
23) Nitrobenzene-d5	8.977	82	117218	91.496	ng		0.01
42) 2,4,6-Tribromophenol	15.939	330	140210	144.412	ng		0.00
45) 2-Fluorobiphenyl	13.072	172	328094	90.288	ng		0.00
79) Terphenyl-d14	19.805	244	721842	96.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	13298	40.634	ng	#	92
3) Pyridine	3.706	79	34946	39.733	ng		94
4) n-Nitrosodimethylamine	3.624	42	31964	50.132	ng		87
6) Aniline	7.149	93	48523	34.598	ng		97
8) 2-Chlorophenol	7.390	128	56075	55.194	ng		98
9) Benzaldehyde	6.961	77	25788	26.128	ng		91
10) Phenol	7.026	94	64826	55.269	ng		98
11) bis(2-Chloroethyl)ether	7.249	93	39465	49.685	ng		95
12) 1,3-Dichlorobenzene	7.713	146	55884	50.283	ng		98
13) 1,4-Dichlorobenzene	7.860	146	59496	53.339	ng		91
14) 1,2-Dichlorobenzene	8.172	146	55839	50.794	ng		96
15) Benzyl Alcohol	8.060	79	55796	54.492	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.348	45	61797	48.266	ng		98
17) 2-Methylphenol	8.272	107	46672	54.952	ng		98
18) Hexachloroethane	8.900	117	21715	49.321	ng		92
19) n-Nitroso-di-n-propyla...	8.624	70	38963	52.398	ng		97
20) 3+4-Methylphenols	8.595	107	65493	55.259	ng		93
22) Acetophenone	8.642	105	91544	54.885	ng	#	96
24) Nitrobenzene	9.018	77	60821	47.607	ng		96
25) Isophorone	9.541	82	110698	47.697	ng		98
26) 2-Nitrophenol	9.729	139	30795	48.432	ng		97
27) 2,4-Dimethylphenol	9.793	122	55310	56.953	ng		95
28) bis(2-Chloroethoxy)met...	10.023	93	58363	49.333	ng		97
29) 2,4-Dichlorophenol	10.263	162	59120	52.643	ng		96
30) 1,2,4-Trichlorobenzene	10.475	180	61294	50.056	ng		98
31) Naphthalene	10.663	128	171886	48.456	ng		99
32) Benzoic acid	9.958	122	44961m	60.300	ng		
33) 4-Chloroaniline	10.769	127	20695	15.203	ng	#	97
34) Hexachlorobutadiene	10.951	225	49245	46.959	ng		99
35) Caprolactam	11.538	113	19269m	50.120	ng		
36) 4-Chloro-3-methylphenol	11.903	107	70424	51.566	ng		97
37) 2-Methylnaphthalene	12.273	142	121185	44.505	ng		98
38) 1-Methylnaphthalene	12.490	142	126687	46.659	ng		100
40) 1,2,4,5-Tetrachloroben...	12.643	216	92935	53.737	ng		98
41) Hexachlorocyclopentadiene	12.625	237	123269	136.260	ng		94
43) 2,4,6-Trichlorophenol	12.884	196	57388	51.908	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	60489	49.008	ng		95
46) 1,1'-Biphenyl	13.283	154	204884	53.183	ng		99
47) 2-Chloronaphthalene	13.325	162	136452	47.440	ng		96
48) 2-Nitroaniline	13.530	65	49637	50.563	ng		96
49) Acenaphthylene	14.171	152	236815	55.463	ng		99
50) Dimethylphthalate	13.912	163	203802	48.581	ng		97
51) 2,6-Dinitrotoluene	14.024	165	43905	50.241	ng		95
52) Acenaphthene	14.517	154	140204	47.264	ng		95
53) 3-Nitroaniline	14.353	138	21048	26.116	ng		93
54) 2,4-Dinitrophenol	14.564	184	60905	96.115	ng		86
55) Dibenzofuran	14.852	168	239756	48.950	ng		99
56) 4-Nitrophenol	14.676	139	70541	111.171	ng		97
57) 2,4-Dinitrotoluene	14.817	165	71035	53.174	ng		99
58) Fluorene	15.498	166	204659	50.261	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	68433	54.327	ng		98
60) Diethylphthalate	15.275	149	222549	49.452	ng	#	97
61) 4-Chlorophenyl-phenyle...	15.493	204	106708	48.001	ng		96
62) 4-Nitroaniline	15.522	138	43915	52.280	ng		89
63) Azobenzene	15.786	77	173819	49.872	ng		96
65) 4,6-Dinitro-2-methylph...	15.581	198	46256	47.921	ng		97
66) n-Nitrosodiphenylamine	15.710	169	182340	49.254	ng		93
67) 4-Bromophenyl-phenylether	16.386	248	78451	48.089	ng		90
68) Hexachlorobenzene	16.503	284	91352	48.936	ng		98
69) Atrazine	16.656	200	87001	52.822	ng		95
70) Pentachlorophenol	16.850	266	109925	100.712	ng		100
71) Phenanthrene	17.232	178	352360	48.603	ng		97
72) Anthracene	17.326	178	362889	49.895	ng		98
73) Carbazole	17.590	167	327423	52.082	ng		99
74) Di-n-butylphthalate	18.154	149	396998	51.730	ng		100
75) Fluoranthene	19.241	202	441298	50.952	ng		99
77) Benzidine	19.423	184	100027	28.405	ng		96
78) Pyrene	19.605	202	454934	49.536	ng		98
80) Butylbenzylphthalate	20.498	149	165196	50.742	ng		99
81) Benzo(a)anthracene	21.397	228	451659	49.985	ng		99
82) 3,3'-Dichlorobenzidine	21.321	252	83367	27.260	ng	#	96
83) Chrysene	21.456	228	424681	49.559	ng		96
84) Bis(2-ethylhexyl)phtha...	21.321	149	234171	50.979	ng		100
85) Di-n-octyl phthalate	22.443	149	388583	50.334	ng		99
87) Indeno(1,2,3-cd)pyrene	27.743	276	540606	51.237	ng	#	97
88) Benzo(b)fluoranthene	23.454	252	434847	50.425	ng		99
89) Benzo(k)fluoranthene	23.513	252	449174	51.716	ng		100
90) Benzo(a)pyrene	24.253	252	423237	53.252	ng		97
91) Dibenzo(a,h)anthracene	27.796	278	442427	52.434	ng		98
92) Benzo(g,h,i)perylene	28.789	276	432535	52.749	ng		98

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

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