Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064588.D
Acq On : 27 Oct 2025 15:22
Operator : RC/JU
Sample : PB170246BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 01:21:06 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 :
PB170246BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.221	152	43765	20.000	ng		0.00
21) Naphthalene-d8	11.047	136	155179	20.000	ng		0.00
39) Acenaphthene-d10	14.842	164	121982	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	291715	20.000	ng		0.00
76) Chrysene-d12	21.858	240	316000	20.000	ng		0.00
86) Perylene-d12	25.195	264	331099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	339414	130.174	ng		0.00
7) Phenol-d6	7.357	99	464597	129.852	ng		0.00
23) Nitrobenzene-d5	9.384	82	226637	87.721	ng		0.00
42) 2,4,6-Tribromophenol	16.323	330	233447	132.598	ng		0.00
45) 2-Fluorobiphenyl	13.473	172	660996	82.135	ng		0.00
79) Terphenyl-d14	20.171	244	1392012	83.132	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.579	88	40064	34.707	ng		97
3) Pyridine	3.990	79	113170	32.646	ng		96
4) n-Nitrosodimethylamine	3.896	42	76415	41.105	ng		86
6) Aniline	7.527	93	157061	32.260	ng		99
8) 2-Chlorophenol	7.774	128	127438	46.695	ng		100
9) Benzaldehyde	7.339	77	64733	33.140	ng		99
10) Phenol	7.380	94	182959	46.239	ng		96
11) bis(2-Chloroethyl)ether	7.621	93	119316	41.014	ng		97
12) 1,3-Dichlorobenzene	8.109	146	132724	42.253	ng		95
13) 1,4-Dichlorobenzene	8.256	146	136873	42.854	ng		94
14) 1,2-Dichlorobenzene	8.579	146	131264	42.609	ng		99
15) Benzyl Alcohol	8.450	79	130279	44.156	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.743	45	273402	35.828	ng		99
17) 2-Methylphenol	8.649	107	121442	46.226	ng		97
18) Hexachloroethane	9.319	117	40484	36.119	ng		96
19) n-Nitroso-di-n-propyla...	9.025	70	91867	37.153	ng		96
20) 3+4-Methylphenols	8.979	107	144651	39.152	ng		97
22) Acetophenone	9.043	105	199016	46.916	ng		94
24) Nitrobenzene	9.425	77	128168	45.610	ng		98
25) Isophorone	9.954	82	263683	42.533	ng		99
26) 2-Nitrophenol	10.142	139	43454	40.595	ng	#	88
27) 2,4-Dimethylphenol	10.195	122	120680	52.332	ng		98
28) bis(2-Chloroethoxy)met...	10.436	93	152570	43.223	ng		99
29) 2,4-Dichlorophenol	10.677	162	118186	47.622	ng		97
30) 1,2,4-Trichlorobenzene	10.906	180	127388	45.177	ng		96
31) Naphthalene	11.100	128	361240	41.987	ng		99
32) Benzoic acid	10.318	122	77183	44.434	ng		93
33) 4-Chloroaniline	11.188	127	75318	22.523	ng		97
34) Hexachlorobutadiene	11.387	225	92515	41.953	ng		99
35) Caprolactam	11.946	113	39145m	41.125	ng		
36) 4-Chloro-3-methylphenol	12.292	107	138701	46.495	ng		97
37) 2-Methylnaphthalene	12.686	142	242431	38.379	ng		98
38) 1-Methylnaphthalene	12.903	142	257957	41.251	ng		99
40) 1,2,4,5-Tetrachloroben...	13.050	216	194204	47.439	ng		99
41) Hexachlorocyclopentadiene	13.038	237	213234	115.722	ng		96
43) 2,4,6-Trichlorophenol	13.279	196	114602	48.940	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.344	196	127891	47.327	ng		98
46) 1,1'-Biphenyl	13.685	154	422117	48.675	ng		96
47) 2-Chloronaphthalene	13.726	162	283699	43.340	ng		99
48) 2-Nitroaniline	13.908	65	92141	42.337	ng		97
49) Acenaphthylene	14.566	152	515217	49.899	ng		98
50) Dimethylphthalate	14.290	163	405346	43.427	ng		100
51) 2,6-Dinitrotoluene	14.402	165	70886	46.157	ng		95
52) Acenaphthene	14.907	154	322385	45.701	ng		99
53) 3-Nitroaniline	14.725	138	55435	34.558	ng		90
54) 2,4-Dinitrophenol	14.930	184	78763	83.109	ng	#	37
55) Dibenzofuran	15.236	168	498315	43.694	ng		99
56) 4-Nitrophenol	15.018	139	135394	91.038	ng		94
57) 2,4-Dinitrotoluene	15.183	165	104776	44.254	ng		95
58) Fluorene	15.882	166	390553	43.850	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.453	232	132211	51.164	ng		99
60) Diethylphthalate	15.647	149	405303	42.527	ng		98
61) 4-Chlorophenyl-phenyle...	15.876	204	217094	43.433	ng		100
62) 4-Nitroaniline	15.882	138	79004	44.270	ng		98
63) Azobenzene	16.164	77	388897	44.473	ng		99
65) 4,6-Dinitro-2-methylph...	15.947	198	55125	43.516	ng		97
66) n-Nitrosodiphenylamine	16.082	169	358361	45.477	ng		99
67) 4-Bromophenyl-phenylether	16.763	248	155148	44.880	ng		98
68) Hexachlorobenzene	16.887	284	177105	44.907	ng		95
69) Atrazine	17.022	200	149307	44.030	ng		97
70) Pentachlorophenol	17.222	266	225283	91.605	ng		88
71) Phenanthrene	17.621	178	700369	43.903	ng		100
72) Anthracene	17.715	178	716646	44.162	ng		99
73) Carbazole	17.968	167	622547	43.505	ng		99
74) Di-n-butylphthalate	18.532	149	699059	42.246	ng		99
75) Fluoranthene	19.613	202	853488	42.707	ng		99
77) Benzidine	19.778	184	238194	33.645	ng		99
78) Pyrene	19.977	202	891319	43.172	ng		99
80) Butylbenzylphthalate	20.853	149	293608	47.053	ng		98
81) Benzo(a)anthracene	21.834	228	919080	43.865	ng		99
82) 3,3'-Dichlorobenzidine	21.734	252	208055	29.736	ng		98
83) Chrysene	21.905	228	863113	43.293	ng		99
84) Bis(2-ethylhexyl)phtha...	21.746	149	429718	46.088	ng		100
85) Di-n-octyl phthalate	23.009	149	716449	45.576	ng		99
87) Indeno(1,2,3-cd)pyrene	29.037	276	1105202	45.376	ng		98
88) Benzo(b)fluoranthene	24.137	252	926358	45.627	ng		98
89) Benzo(k)fluoranthene	24.208	252	925931	45.574	ng		98
90) Benzo(a)pyrene	25.042	252	878664	47.081	ng		98
91) Dibenzo(a,h)anthracene	29.108	278	908444	45.909	ng		98
92) Benzo(g,h,i)perylene	30.236	276	883313	46.729	ng		99

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

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