Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
Data File : BG064319.D
Acq On : 9 Sep 2025 11:38
Operator : RC/JU
Sample : PB169593BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 12:26:01 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 :
PB169593BS

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	24346	20.000	ng		0.00
21) Naphthalene-d8	10.635	136	102315	20.000	ng		#-0.01
39) Acenaphthene-d10	14.478	164	78998	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	193893	20.000	ng		# 0.00
76) Chrysene-d12	21.452	240	202922	20.000	ng		# 0.00
86) Perylene-d12	24.454	264	224122	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	145808	107.448	ng		0.00
7) Phenol-d6	7.022	99	197745	106.069	ng		0.00
23) Nitrobenzene-d5	9.002	82	142176	77.498	ng		-0.01
42) 2,4,6-Tribromophenol	15.964	330	144024	137.642	ng		0.00
45) 2-Fluorobiphenyl	13.103	172	379524	73.329	ng		0.00
79) Terphenyl-d14	19.836	244	796142	81.856	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	14145	25.008	ng		97
3) Pyridine	3.737	79	40067	24.065	ng	#	59
4) n-Nitrosodimethylamine	3.655	42	39260	35.650	ng	#	94
6) Aniline	7.174	93	71330	27.668	ng		98
8) 2-Chlorophenol	7.415	128	61001	36.787	ng		97
9) Benzaldehyde	6.986	77	41289	26.912	ng		98
10) Phenol	7.051	94	74433	36.213	ng		84
11) bis(2-Chloroethyl)ether	7.274	93	46334	29.999	ng		96
12) 1,3-Dichlorobenzene	7.738	146	63374	35.924	ng		94
13) 1,4-Dichlorobenzene	7.885	146	65187	36.614	ng		98
14) 1,2-Dichlorobenzene	8.197	146	62901	36.606	ng		95
15) Benzyl Alcohol	8.085	79	60872	35.382	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.379	45	87871	24.919	ng		95
17) 2-Methylphenol	8.291	107	51428	33.572	ng		92
18) Hexachloroethane	8.931	117	24773	35.646	ng		92
19) n-Nitroso-di-n-propyla...	8.649	70	44691	31.322	ng	#	91
20) 3+4-Methylphenols	8.614	107	72035	33.843	ng		99
22) Acetophenone	8.667	105	103944	40.157	ng	#	96
24) Nitrobenzene	9.043	77	69461	36.238	ng		96
25) Isophorone	9.566	82	127192	33.359	ng		100
26) 2-Nitrophenol	9.754	139	32591	39.350	ng	#	78
27) 2,4-Dimethylphenol	9.818	122	62445	42.944	ng		98
28) bis(2-Chloroethoxy)met...	10.048	93	68845	33.486	ng		98
29) 2,4-Dichlorophenol	10.288	162	62344	40.634	ng		95
30) 1,2,4-Trichlorobenzene	10.506	180	67169	41.521	ng		97
31) Naphthalene	10.688	128	189516	35.720	ng		99
32) Benzoic acid	9.965	122	48255	41.805	ng		90
33) 4-Chloroaniline	10.794	127	50367	24.493	ng	#	90
34) Hexachlorobutadiene	10.976	225	52305	43.740	ng		95
35) Caprolactam	11.563	113	21212m	35.705	ng		
36) 4-Chloro-3-methylphenol	11.922	107	77744	39.054	ng		94
37) 2-Methylnaphthalene	12.298	142	134572	34.124	ng		92
38) 1-Methylnaphthalene	12.515	142	140876	36.166	ng		98
40) 1,2,4,5-Tetrachloroben...	12.668	216	95275	41.799	ng		97
41) Hexachlorocyclopentadiene	12.650	237	124809	115.212	ng		92
43) 2,4,6-Trichlorophenol	12.909	196	58313	38.276	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	67360	40.759	ng		96
46) 1,1'-Biphenyl	13.308	154	228553	39.722	ng		98
47) 2-Chloronaphthalene	13.350	162	150757	34.852	ng		95
48) 2-Nitroaniline	13.549	65	58730	39.835	ng		88
49) Acenaphthylene	14.196	152	264926	41.431	ng		99
50) Dimethylphthalate	13.937	163	219817	36.762	ng		98
51) 2,6-Dinitrotoluene	14.049	165	47634	41.149	ng		99
52) Acenaphthene	14.536	154	156943	34.779	ng		95
53) 3-Nitroaniline	14.378	138	35978	29.671	ng		89
54) 2,4-Dinitrophenol	14.589	184	63602	83.805	ng	#	83
55) Dibenzofuran	14.877	168	265752	37.441	ng		99
56) 4-Nitrophenol	14.695	139	79728	80.155	ng	#	79
57) 2,4-Dinitrotoluene	14.836	165	73524	42.007	ng	#	97
58) Fluorene	15.523	166	216706	37.250	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.100	232	70631	44.436	ng		96
60) Diethylphthalate	15.300	149	246066	38.452	ng		99
61) 4-Chlorophenyl-phenyle...	15.518	204	112314	38.722	ng		95
62) 4-Nitroaniline	15.541	138	49806	40.253	ng		94
63) Azobenzene	15.811	77	201086	35.256	ng		97
65) 4,6-Dinitro-2-methylph...	15.600	198	49931	44.854	ng		92
66) n-Nitrosodiphenylamine	15.735	169	200400	37.572	ng		98
67) 4-Bromophenyl-phenylether	16.411	248	80425	39.053	ng		97
68) Hexachlorobenzene	16.528	284	90496	39.571	ng		94
69) Atrazine	16.687	200	90029	40.424	ng		97
70) Pentachlorophenol	16.869	266	118005	85.100	ng	#	88
71) Phenanthrene	17.263	178	376255	36.792	ng		99
72) Anthracene	17.351	178	389922	37.483	ng		97
73) Carbazole	17.615	167	350184	38.213	ng		97
74) Di-n-butylphthalate	18.185	149	412385	37.456	ng		99
75) Fluoranthene	19.272	202	463003	38.505	ng		97
77) Benzidine	19.454	184	207927	48.709	ng		97
78) Pyrene	19.630	202	474263	37.097	ng		99
80) Butylbenzylphthalate	20.529	149	185555	38.482	ng		94
81) Benzo(a)anthracene	21.428	228	493683	38.028	ng		99
82) 3,3'-Dichlorobenzidine	21.352	252	117305	27.745	ng		97
83) Chrysene	21.493	228	462190	37.084	ng		99
84) Bis(2-ethylhexyl)phtha...	21.358	149	266104	36.758	ng		98
85) Di-n-octyl phthalate	22.498	149	461959	36.623	ng		95
87) Indeno(1,2,3-cd)pyrene	27.850	276	596185	38.952	ng	#	97
88) Benzo(b)fluoranthene	23.508	252	477313	37.735	ng	#	98
89) Benzo(k)fluoranthene	23.573	252	500464	38.836	ng	#	96
90) Benzo(a)pyrene	24.313	252	470404	39.978	ng	#	98
91) Dibenzo(a,h)anthracene	27.903	278	480818	39.126	ng	#	96
92) Benzo(g,h,i)perylene	28.908	276	469210	39.238	ng	#	96

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

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