Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064332.D
Acq On : 10 Sep 2025 14:39
Operator : RC/JU
Sample : PB169566BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 10 15:20:41 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 :
PB169566BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	22696	20.000	ng		-0.01
21) Naphthalene-d8	10.631	136	93972	20.000	ng		#-0.02
39) Acenaphthene-d10	14.468	164	68433	20.000	ng		-0.01
64) Phenanthrene-d10	17.212	188	170264	20.000	ng		#-0.01
76) Chrysene-d12	21.442	240	183977	20.000	ng		#-0.01
86) Perylene-d12	24.438	264	196411	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.437	112	160235	126.664	ng		0.00
7) Phenol-d6	7.018	99	212808	122.448	ng		-0.01
23) Nitrobenzene-d5	8.998	82	151602	89.973	ng		-0.02
42) 2,4,6-Tribromophenol	15.960	330	144187	159.072	ng		-0.01
45) 2-Fluorobiphenyl	13.093	172	384302	85.716	ng		-0.02
79) Terphenyl-d14	19.826	244	795618	90.225	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	17258	32.730	ng		91
3) Pyridine	3.733	79	44664	28.776	ng	#	64
4) n-Nitrosodimethylamine	3.651	42	45866	44.676	ng	#	97
6) Aniline	7.170	93	77270	32.151	ng		96
8) 2-Chlorophenol	7.411	128	68324	44.198	ng		98
9) Benzaldehyde	6.982	77	28523	19.943	ng		99
10) Phenol	7.047	94	81268	42.413	ng		88
11) bis(2-Chloroethyl)ether	7.270	93	53278	37.002	ng		98
12) 1,3-Dichlorobenzene	7.735	146	70144	42.652	ng		96
13) 1,4-Dichlorobenzene	7.881	146	73760	44.441	ng		98
14) 1,2-Dichlorobenzene	8.199	146	70151	43.793	ng		94
15) Benzyl Alcohol	8.081	79	69060	43.060	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.363	45	98657	30.011	ng		99
17) 2-Methylphenol	8.287	107	57293	40.120	ng		94
18) Hexachloroethane	8.921	117	28975	44.723	ng		89
19) n-Nitroso-di-n-propyla...	8.651	70	49866	37.490	ng		98
20) 3+4-Methylphenols	8.616	107	78818	39.721	ng		96
22) Acetophenone	8.663	105	102551	43.136	ng	#	94
24) Nitrobenzene	9.039	77	77826	44.207	ng		99
25) Isophorone	9.562	82	141763	40.481	ng		98
26) 2-Nitrophenol	9.750	139	36272	47.683	ng	#	74
27) 2,4-Dimethylphenol	9.814	122	66337	49.670	ng		93
28) bis(2-Chloroethoxy)met...	10.044	93	74816	39.621	ng		94
29) 2,4-Dichlorophenol	10.279	162	68958	48.935	ng		97
30) 1,2,4-Trichlorobenzene	10.496	180	74991	50.471	ng		98
31) Naphthalene	10.684	128	211320	43.366	ng		97
32) Benzoic acid	9.967	122	49521	46.711	ng		90
33) 4-Chloroaniline	10.790	127	53605	28.382	ng		90
34) Hexachlorobutadiene	10.972	225	57581	52.427	ng		92
35) Caprolactam	11.554	113	23999m	43.983	ng		
36) 4-Chloro-3-methylphenol	11.918	107	82997	45.395	ng		98
37) 2-Methylnaphthalene	12.288	142	144427	39.874	ng		95
38) 1-Methylnaphthalene	12.511	142	153836	42.999	ng		99
40) 1,2,4,5-Tetrachloroben...	12.664	216	96505	48.876	ng		98
41) Hexachlorocyclopentadiene	12.646	237	140546	149.769	ng		92
43) 2,4,6-Trichlorophenol	12.905	196	64902	49.178	ng		87

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	71551	49.980	ng	#	93
46) 1,1'-Biphenyl	13.304	154	222153	44.571	ng		97
47) 2-Chloronaphthalene	13.346	162	162950	43.486	ng		99
48) 2-Nitroaniline	13.545	65	63669	49.852	ng		92
49) Acenaphthylene	14.192	152	279750	50.504	ng		96
50) Dimethylphthalate	13.933	163	234447	45.262	ng		98
51) 2,6-Dinitrotoluene	14.045	165	50445	50.305	ng		98
52) Acenaphthene	14.532	154	170385	43.588	ng		98
53) 3-Nitroaniline	14.374	138	37568	35.765	ng		96
54) 2,4-Dinitrophenol	14.585	184	70898	106.221	ng	#	84
55) Dibenzofuran	14.867	168	279041	45.383	ng		99
56) 4-Nitrophenol	14.691	139	83133	96.482	ng	#	84
57) 2,4-Dinitrotoluene	14.832	165	77867	51.356	ng		96
58) Fluorene	15.520	166	234869	46.605	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.096	232	73214	53.172	ng		97
60) Diethylphthalate	15.296	149	256186	46.214	ng		99
61) 4-Chlorophenyl-phenyle...	15.514	204	120779	48.069	ng		99
62) 4-Nitroaniline	15.537	138	53880	50.269	ng		90
63) Azobenzene	15.807	77	215269	43.569	ng		94
65) 4,6-Dinitro-2-methylph...	15.596	198	53177	54.399	ng		90
66) n-Nitrosodiphenylamine	15.725	169	209667	44.764	ng		98
67) 4-Bromophenyl-phenylether	16.407	248	86403	47.778	ng		99
68) Hexachlorobenzene	16.524	284	93266	46.442	ng		95
69) Atrazine	16.677	200	95321	48.740	ng		97
70) Pentachlorophenol	16.865	266	132714	108.990	ng		95
71) Phenanthrene	17.253	178	399538	44.491	ng		99
72) Anthracene	17.341	178	409040	44.778	ng		99
73) Carbazole	17.611	167	364043	45.238	ng		97
74) Di-n-butylphthalate	18.181	149	449377	46.480	ng		99
75) Fluoranthene	19.262	202	499067	47.264	ng		97
77) Benzidine	19.444	184	156830	40.522	ng		99
78) Pyrene	19.626	202	515436	44.469	ng		100
80) Butylbenzylphthalate	20.520	149	201264	46.037	ng		95
81) Benzo(a)anthracene	21.418	228	537093	45.632	ng		99
82) 3,3'-Dichlorobenzidine	21.342	252	128708	33.577	ng	#	97
83) Chrysene	21.483	228	497502	44.028	ng		100
84) Bis(2-ethylhexyl)phtha...	21.348	149	289319	44.080	ng		99
85) Di-n-octyl phthalate	22.482	149	493928	43.189	ng		97
87) Indeno(1,2,3-cd)pyrene	27.823	276	638201	47.580	ng	#	98
88) Benzo(b)fluoranthene	23.493	252	521742	47.067	ng	#	98
89) Benzo(k)fluoranthene	23.557	252	535711	47.436	ng	#	96
90) Benzo(a)pyrene	24.297	252	510903	49.546	ng	#	98
91) Dibenzo(a,h)anthracene	27.876	278	521595	48.432	ng		98
92) Benzo(g,h,i)perylene	28.869	276	516434	49.281	ng	#	94

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

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