Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064303.D
Acq On : 8 Sep 2025 11:52
Operator : RC/JU
Sample : PB169566BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 08 12:34:23 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 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.848	152	22931	20.000	ng		-0.01
21) Naphthalene-d8	10.639	136	100507	20.000	ng		#-0.01
39) Acenaphthene-d10	14.475	164	74827	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	186208	20.000	ng		# 0.00
76) Chrysene-d12	21.449	240	199207	20.000	ng		0.00
86) Perylene-d12	24.458	264	218248	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	181748	142.197	ng		0.00
7) Phenol-d6	7.025	99	243161	138.479	ng		0.00
23) Nitrobenzene-d5	9.005	82	172370	95.646	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	160232	161.668	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	446193	91.016	ng		-0.01
79) Terphenyl-d14	19.840	244	908763	95.177	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.347	88	19458	36.524	ng		95
3) Pyridine	3.735	79	54232	34.583	ng	#	59
4) n-Nitrosodimethylamine	3.653	42	50655	48.835	ng		98
6) Aniline	7.178	93	92274	38.000	ng		98
8) 2-Chlorophenol	7.419	128	78851	50.485	ng		100
9) Benzaldehyde	6.990	77	32470	22.470	ng		95
10) Phenol	7.049	94	92580	47.821	ng		83
11) bis(2-Chloroethyl)ether	7.272	93	61057	41.970	ng		97
12) 1,3-Dichlorobenzene	7.742	146	82162	49.448	ng		97
13) 1,4-Dichlorobenzene	7.883	146	82808	49.381	ng		95
14) 1,2-Dichlorobenzene	8.200	146	80070	49.473	ng		99
15) Benzyl Alcohol	8.089	79	78124	48.212	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.377	45	119459	35.967	ng		97
17) 2-Methylphenol	8.294	107	66260	45.924	ng		98
18) Hexachloroethane	8.929	117	30676	46.863	ng		90
19) n-Nitroso-di-n-propyla...	8.653	70	57693	42.930	ng	#	95
20) 3+4-Methylphenols	8.617	107	90959	45.370	ng		94
22) Acetophenone	8.664	105	120113	47.238	ng		96
24) Nitrobenzene	9.046	77	89844	47.715	ng		99
25) Isophorone	9.569	82	162972	43.512	ng		98
26) 2-Nitrophenol	9.751	139	40109	49.298	ng	#	86
27) 2,4-Dimethylphenol	9.822	122	77986	54.596	ng		96
28) bis(2-Chloroethoxy)met...	10.051	93	87957	43.552	ng		97
29) 2,4-Dichlorophenol	10.286	162	80534	53.434	ng		98
30) 1,2,4-Trichlorobenzene	10.503	180	83322	52.432	ng		97
31) Naphthalene	10.691	128	243186	46.660	ng		98
32) Benzoic acid	9.975	122	55067	48.565	ng		98
33) 4-Chloroaniline	10.797	127	62362	30.872	ng		98
34) Hexachlorobutadiene	10.979	225	62914	53.558	ng		86
35) Caprolactam	11.567	113	26785m	45.897	ng		
36) 4-Chloro-3-methylphenol	11.925	107	97401	49.809	ng		96
37) 2-Methylnaphthalene	12.296	142	167102	43.135	ng		95
38) 1-Methylnaphthalene	12.519	142	175003m	45.735	ng		
40) 1,2,4,5-Tetrachloroben...	12.666	216	107801	49.931	ng		98
41) Hexachlorocyclopentadiene	12.654	237	161742	157.628	ng		91
43) 2,4,6-Trichlorophenol	12.912	196	76127	52.754	ng		90

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.977	196	82091	52.442	ng		95
46)	1,1'-Biphenyl	13.312	154	258854	47.496	ng		96
47)	2-Chloronaphthalene	13.353	162	192323	46.939	ng		99
48)	2-Nitroaniline	13.553	65	72167	51.677	ng		97
49)	Acenaphthylene	14.199	152	320960	52.992	ng		97
50)	Dimethylphthalate	13.941	163	270152	47.698	ng		99
51)	2,6-Dinitrotoluene	14.052	165	59699	54.446	ng		94
52)	Acenaphthene	14.540	154	199257	46.618	ng		97
53)	3-Nitroaniline	14.381	138	43497	37.871	ng		98
54)	2,4-Dinitrophenol	14.587	184	79494	108.779	ng	#	74
55)	Dibenzofuran	14.875	168	327167	48.663	ng		99
56)	4-Nitrophenol	14.699	139	96721	102.660	ng	#	89
57)	2,4-Dinitrotoluene	14.840	165	92311	55.680	ng		99
58)	Fluorene	15.527	166	273556	49.643	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.104	232	85025	56.473	ng		98
60)	Diethylphthalate	15.304	149	297365	49.058	ng		100
61)	4-Chlorophenyl-phenyle...	15.521	204	140432	51.114	ng		98
62)	4-Nitroaniline	15.545	138	63106	53.845	ng		94
63)	Azobenzene	15.815	77	255971	47.380	ng		94
65)	4,6-Dinitro-2-methylph...	15.603	198	58547	54.764	ng		95
66)	n-Nitrosodiphenylamine	15.733	169	242787	47.397	ng		99
67)	4-Bromophenyl-phenylether	16.414	248	98729	49.920	ng		95
68)	Hexachlorobenzene	16.532	284	111004	50.542	ng	#	90
69)	Atrazine	16.684	200	107967	50.479	ng		99
70)	Pentachlorophenol	16.872	266	150476	112.996	ng		94
71)	Phenanthrene	17.260	178	469192	47.773	ng		98
72)	Anthracene	17.348	178	477692	47.815	ng		98
73)	Carbazole	17.619	167	427774	48.606	ng		98
74)	Di-n-butylphthalate	18.189	149	523277	49.489	ng		99
75)	Fluoranthene	19.270	202	569869	49.348	ng		97
77)	Benzidine	19.452	184	211220	50.403	ng		97
78)	Pyrene	19.634	202	588185	46.866	ng		99
80)	Butylbenzylphthalate	20.527	149	231857	48.981	ng		97
81)	Benzo(a)anthracene	21.432	228	615355	48.284	ng		99
82)	3,3'-Dichlorobenzidine	21.350	252	144820	34.892	ng		95
83)	Chrysene	21.496	228	580588	47.453	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.355	149	333394	46.912	ng		98
85)	Di-n-octyl phthalate	22.495	149	579938	46.833	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.848	276	739025	49.584	ng		99
88)	Benzo(b)fluoranthene	23.512	252	613512	49.808	ng	#	99
89)	Benzo(k)fluoranthene	23.576	252	614833	48.995	ng	#	95
90)	Benzo(a)pyrene	24.317	252	590413	51.528	ng	#	96
91)	Dibenzo(a,h)anthracene	27.912	278	605245	50.576	ng		97
92)	Benzo(g,h,i)perylene	28.911	276	592976	50.923	ng		97

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

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