Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064919.D
Acq On : 10 Dec 2025 13:39
Operator : RC/JU
Sample : PB170885BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170885BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	19955	20.000	ng	-0.01
21) Naphthalene-d8	10.973	136	78423	20.000	ng	#-0.01
39) Acenaphthene-d10	14.769	164	72957	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	198004	20.000	ng	# 0.00
76) Chrysene-d12	21.749	240	245154	20.000	ng	# 0.00
86) Perylene-d12	25.004	264	246169	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	133931	117.200	ng	0.00
7) Phenol-d6	7.307	99	182426	120.024	ng	0.00
23) Nitrobenzene-d5	9.316	82	117446	74.045	ng	-0.01
42) 2,4,6-Tribromophenol	16.249	330	228679	160.715	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	412634	78.918	ng	0.00
79) Terphenyl-d14	20.086	244	1126728	90.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	12676	28.653	ng	95
3) Pyridine	3.923	79	31805	24.128	ng	94
4) n-Nitrosodimethylamine	3.829	42	26474	39.460	ng	84
6) Aniline	7.471	93	54710	27.005	ng	98
8) 2-Chlorophenol	7.718	128	56383	44.935	ng	94
9) Benzaldehyde	7.278	77	20169	20.272	ng	94
10) Phenol	7.330	94	67824	41.013	ng	93
11) bis(2-Chloroethyl)ether	7.560	93	40291	34.238	ng	96
12) 1,3-Dichlorobenzene	8.041	146	56326	39.011	ng	96
13) 1,4-Dichlorobenzene	8.188	146	59711	40.614	ng	96
14) 1,2-Dichlorobenzene	8.511	146	57967	40.663	ng	99
15) Benzyl Alcohol	8.388	79	55350	44.366	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.682	45	88219	31.672	ng	97
17) 2-Methylphenol	8.588	107	51922	44.373	ng	90
18) Hexachloroethane	9.252	117	21228	38.122	ng	# 84
19) n-Nitroso-di-n-propyla...	8.958	70	40108	39.028	ng	99
20) 3+4-Methylphenols	8.923	107	70009	43.674	ng	91
22) Acetophenone	8.976	105	97717	45.735	ng	96
24) Nitrobenzene	9.357	77	63707	39.751	ng	99
25) Isophorone	9.886	82	119909	39.698	ng	97
26) 2-Nitrophenol	10.074	139	35083	48.668	ng	93
27) 2,4-Dimethylphenol	10.127	122	57783	45.120	ng	95
28) bis(2-Chloroethoxy)met...	10.362	93	63046	38.020	ng	95
29) 2,4-Dichlorophenol	10.615	162	69428	50.495	ng	94
30) 1,2,4-Trichlorobenzene	10.832	180	79605	47.947	ng	100
31) Naphthalene	11.026	128	179506	40.378	ng	99
32) Benzoic acid	10.262	122	43895m	48.495	ng	
33) 4-Chloroaniline	11.120	127	43508	24.465	ng	96
34) Hexachlorobutadiene	11.308	225	69899	49.068	ng	100
35) Caprolactam	11.884	113	19814m	48.181	ng	
36) 4-Chloro-3-methylphenol	12.231	107	72798	47.569	ng	96
37) 2-Methylnaphthalene	12.618	142	129619	38.962	ng	99
38) 1-Methylnaphthalene	12.836	142	137265	41.537	ng	99
40) 1,2,4,5-Tetrachloroben...	12.983	216	138617	48.821	ng	98
41) Hexachlorocyclopentadiene	12.965	237	157726	77.502	ng	93
43) 2,4,6-Trichlorophenol	13.212	196	79302	47.589	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.282	196	92052	49.252	ng		98
46)	1,1'-Biphenyl	13.611	154	238759	45.564	ng		97
47)	2-Chloronaphthalene	13.652	162	168432	40.800	ng		98
48)	2-Nitroaniline	13.846	65	54596	41.118	ng		95
49)	Acenaphthylene	14.493	152	294629	41.775	ng		100
50)	Dimethylphthalate	14.217	163	256718	44.545	ng		99
51)	2,6-Dinitrotoluene	14.328	165	52103	46.983	ng		97
52)	Acenaphthene	14.833	154	214822	50.801	ng		98
53)	3-Nitroaniline	14.663	138	35869	32.771	ng		82
54)	2,4-Dinitrophenol	14.863	184	77377	99.514	ng		94
55)	Dibenzofuran	15.162	168	302974	43.338	ng		98
56)	4-Nitrophenol	14.963	139	79742	91.826	ng		88
57)	2,4-Dinitrotoluene	15.115	165	81206	48.844	ng		97
58)	Fluorene	15.809	166	239699	43.716	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.386	232	101924	55.272	ng		94
60)	Diethylphthalate	15.568	149	251914	45.630	ng		99
61)	4-Chlorophenyl-phenyle...	15.797	204	158565	48.187	ng		98
62)	4-Nitroaniline	15.815	138	49555	43.703	ng		89
63)	Azobenzene	16.085	77	184013	40.073	ng		93
65)	4,6-Dinitro-2-methylph...	15.873	198	58875	53.554	ng		90
66)	n-Nitrosodiphenylamine	16.003	169	224225	43.233	ng		99
67)	4-Bromophenyl-phenylether	16.684	248	125416	48.233	ng		94
68)	Hexachlorobenzene	16.813	284	150283	47.704	ng	#	93
69)	Atrazine	16.943	200	112419	44.958	ng		97
70)	Pentachlorophenol	17.148	266	187476	98.984	ng		99
71)	Phenanthrene	17.542	178	454522	41.955	ng		99
72)	Anthracene	17.630	178	456659	41.339	ng		99
73)	Carbazole	17.895	167	388980	40.961	ng		100
74)	Di-n-butylphthalate	18.441	149	439304	41.465	ng		99
75)	Fluoranthene	19.534	202	614094	41.453	ng		98
77)	Benzidine	19.704	184	83199	11.332	ng		99
78)	Pyrene	19.898	202	627453	45.667	ng		99
80)	Butylbenzylphthalate	20.762	149	191327	39.589	ng		93
81)	Benzo(a)anthracene	21.731	228	703982	42.232	ng		100
82)	3,3'-Dichlorobenzidine	21.637	252	192667	31.402	ng		99
83)	Chrysene	21.796	228	649066	41.301	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.625	149	265963	37.661	ng		97
85)	Di-n-octyl phthalate	22.848	149	448902	36.774	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.747	276	870385	51.463	ng	#	98
88)	Benzo(b)fluoranthene	23.970	252	706208	45.080	ng	#	99
89)	Benzo(k)fluoranthene	24.046	252	734333	46.658	ng	#	97
90)	Benzo(a)pyrene	24.857	252	675238	46.465	ng	#	98
91)	Dibenzo(a,h)anthracene	28.794	278	734038	52.979	ng	#	97
92)	Benzo(g,h,i)perylene	29.910	276	697531	52.311	ng	#	97

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

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