Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 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 :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	31473	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	125369	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	100193	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	249048	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	291284	20.000	ng	#-0.01
86) Perylene-d12	25.180	264	304737	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	229522	122.407	ng	0.00
7) Phenol-d6	7.353	99	317708	123.478	ng	0.00
23) Nitrobenzene-d5	9.375	82	192861	92.397	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	212695	147.083	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	539651	81.640	ng	-0.01
79) Terphenyl-d14	20.162	244	1329926	86.163	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	25132	30.274	ng	98
3) Pyridine	3.981	79	71247	28.579	ng	98
4) n-Nitrosodimethylamine	3.887	42	51911	38.830	ng	97
6) Aniline	7.524	93	106927	30.540	ng	99
8) 2-Chlorophenol	7.771	128	90900	46.315	ng	98
9) Benzaldehyde	7.330	77	41471	29.523	ng	99
10) Phenol	7.377	94	121112	42.563	ng	97
11) bis(2-Chloroethyl)ether	7.612	93	79064	37.792	ng	94
12) 1,3-Dichlorobenzene	8.100	146	94465	41.819	ng	99
13) 1,4-Dichlorobenzene	8.246	146	98423	42.851	ng	97
14) 1,2-Dichlorobenzene	8.570	146	95596	43.150	ng	99
15) Benzyl Alcohol	8.440	79	86742	40.882	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.734	45	209680	38.209	ng	99
17) 2-Methylphenol	8.640	107	84183	44.559	ng	97
18) Hexachloroethane	9.310	117	34551	42.865	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	71836	40.398	ng	94
20) 3+4-Methylphenols	8.969	107	110029	41.413	ng	98
22) Acetophenone	9.034	105	156041	45.532	ng	93
24) Nitrobenzene	9.416	77	105476	46.460	ng	96
25) Isophorone	9.950	82	199965	39.924	ng	99
26) 2-Nitrophenol	10.133	139	44327	50.434	ng	96
27) 2,4-Dimethylphenol	10.185	122	90913	48.798	ng	94
28) bis(2-Chloroethoxy)met...	10.426	93	113256	39.715	ng	99
29) 2,4-Dichlorophenol	10.673	162	94454	47.109	ng	94
30) 1,2,4-Trichlorobenzene	10.896	180	103068	45.243	ng	96
31) Naphthalene	11.090	128	293092	42.166	ng	99
32) Benzoic acid	10.309	122	63994	45.431	ng	84
33) 4-Chloroaniline	11.184	127	56613	20.955	ng	98
34) Hexachlorobutadiene	11.378	225	78715	44.182	ng	99
35) Caprolactam	11.954	113	31178m	40.543	ng	
36) 4-Chloro-3-methylphenol	12.289	107	110767	45.960	ng	96
37) 2-Methylnaphthalene	12.677	142	198311	38.860	ng	99
38) 1-Methylnaphthalene	12.894	142	207592	41.091	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	158567	47.157	ng	99
41) Hexachlorocyclopentadiene	13.029	237	192494	127.184	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	97561	50.723	ng	95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.341	196	109490	49.329	ng		98
46)	1,1'-Biphenyl	13.670	154	337726	47.413	ng		97
47)	2-Chloronaphthalene	13.717	162	230325	42.838	ng		99
48)	2-Nitroaniline	13.905	65	83771	46.518	ng		94
49)	Acenaphthylene	14.557	152	422008	49.761	ng		99
50)	Dimethylphthalate	14.281	163	336584	43.902	ng		100
51)	2,6-Dinitrotoluene	14.392	165	66999	52.632	ng		95
52)	Acenaphthene	14.898	154	283781	48.977	ng		99
53)	3-Nitroaniline	14.721	138	47343	35.932	ng	#	94
54)	2,4-Dinitrophenol	14.927	184	88446	111.576	ng	#	30
55)	Dibenzofuran	15.232	168	407661	43.519	ng		99
56)	4-Nitrophenol	15.015	139	113539	92.945	ng		88
57)	2,4-Dinitrotoluene	15.180	165	100016	50.936	ng	#	98
58)	Fluorene	15.879	166	318811	43.579	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.450	232	113530	53.489	ng		99
60)	Diethylphthalate	15.638	149	344532	44.012	ng		98
61)	4-Chlorophenyl-phenyle...	15.867	204	181685	44.254	ng		99
62)	4-Nitroaniline	15.879	138	72768	49.643	ng		93
63)	Azobenzene	16.155	77	304790	42.435	ng		98
65)	4,6-Dinitro-2-methylph...	15.937	198	63990	57.216	ng		92
66)	n-Nitrosodiphenylamine	16.073	169	300484	44.665	ng		99
67)	4-Bromophenyl-phenylether	16.754	248	133009	45.068	ng		97
68)	Hexachlorobenzene	16.883	284	155303	46.126	ng		97
69)	Atrazine	17.019	200	139683	48.248	ng		98
70)	Pentachlorophenol	17.218	266	207688	98.918	ng		88
71)	Phenanthrene	17.612	178	602824	44.262	ng		99
72)	Anthracene	17.706	178	604988	43.668	ng		99
73)	Carbazole	17.965	167	547456	44.812	ng		100
74)	Di-n-butylphthalate	18.517	149	625052	44.244	ng		98
75)	Fluoranthene	19.610	202	782658	45.872	ng		98
77)	Benzidine	19.774	184	220989	33.863	ng		98
78)	Pyrene	19.968	202	810468	42.587	ng		99
80)	Butylbenzylphthalate	20.843	149	282780	49.163	ng		97
81)	Benzo(a)anthracene	21.825	228	863171	44.692	ng		100
82)	3,3'-Dichlorobenzidine	21.731	252	205344	31.839	ng		100
83)	Chrysene	21.895	228	798229	43.435	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.725	149	403065	46.897	ng		99
85)	Di-n-octyl phthalate	22.982	149	686767	47.394	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.005	276	998764	44.553	ng	#	97
88)	Benzo(b)fluoranthene	24.122	252	865386	46.311	ng		98
89)	Benzo(k)fluoranthene	24.192	252	855280	45.739	ng		99
90)	Benzo(a)pyrene	25.027	252	812553	47.305	ng		99
91)	Dibenzo(a,h)anthracene	29.081	278	829406	45.540	ng		97
92)	Benzo(g,h,i)perylene	30.203	276	807697	46.425	ng		98

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

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