Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064758.D
Acq On : 13 Nov 2025 15:57
Operator : RC/JU
Sample : PB170528BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:47:34 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 :
PB170528BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.170	152	35345	20.000	ng	#	0.00
21) Naphthalene-d8	10.984	136	134884	20.000	ng		0.00
39) Acenaphthene-d10	14.774	164	109093	20.000	ng		0.00
64) Phenanthrene-d10	17.506	188	277518	20.000	ng		0.00
76) Chrysene-d12	21.760	240	388627	20.000	ng		0.00
86) Perylene-d12	25.015	264	384250	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	254066	125.521	ng		0.00
7) Phenol-d6	7.312	99	338793	125.846	ng		0.00
23) Nitrobenzene-d5	9.327	82	214456	78.611	ng		0.00
42) 2,4,6-Tribromophenol	16.254	330	267173	125.572	ng		0.00
45) 2-Fluorobiphenyl	13.411	172	610435	78.077	ng		0.00
79) Terphenyl-d14	20.091	244	1538381	77.867	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.522	88	26099	33.307	ng		96
3) Pyridine	3.933	79	70196	30.066	ng		99
4) n-Nitrosodimethylamine	3.845	42	47590	40.048	ng		97
6) Aniline	7.482	93	108952	30.362	ng		100
8) 2-Chlorophenol	7.729	128	99871	44.936	ng		99
9) Benzaldehyde	7.288	77	40023	22.711	ng		99
10) Phenol	7.335	94	132310	45.170	ng		97
11) bis(2-Chloroethyl)ether	7.570	93	88499	42.459	ng		97
12) 1,3-Dichlorobenzene	8.052	146	103159	40.337	ng		96
13) 1,4-Dichlorobenzene	8.199	146	109006	41.859	ng		100
14) 1,2-Dichlorobenzene	8.522	146	104476	41.377	ng		96
15) Benzyl Alcohol	8.399	79	97504	44.124	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.693	45	194173	39.357	ng		97
17) 2-Methylphenol	8.598	107	91269	44.037	ng		96
18) Hexachloroethane	9.262	117	39113	39.656	ng		99
19) n-Nitroso-di-n-propyla...	8.969	70	75668	41.570	ng		96
20) 3+4-Methylphenols	8.928	107	121650	42.845	ng		93
22) Acetophenone	8.986	105	174486	47.481	ng	#	99
24) Nitrobenzene	9.368	77	117523	42.635	ng		97
25) Isophorone	9.897	82	214996	41.384	ng		99
26) 2-Nitrophenol	10.085	139	55456	44.728	ng		95
27) 2,4-Dimethylphenol	10.138	122	96822	43.957	ng		95
28) bis(2-Chloroethoxy)met...	10.373	93	122129	42.821	ng		98
29) 2,4-Dichlorophenol	10.626	162	110934	46.910	ng		99
30) 1,2,4-Trichlorobenzene	10.843	180	126218	44.200	ng		96
31) Naphthalene	11.037	128	318715	41.682	ng		99
32) Benzoic acid	10.267	122	71107m	46.017	ng		
33) 4-Chloroaniline	11.131	127	75168	24.575	ng		97
34) Hexachlorobutadiene	11.325	225	97649	39.855	ng		98
35) Caprolactam	11.889	113	32826m	46.409	ng		
36) 4-Chloro-3-methylphenol	12.235	107	118485	45.014	ng		97
37) 2-Methylnaphthalene	12.623	142	217639	38.036	ng		99
38) 1-Methylnaphthalene	12.841	142	224362	39.473	ng		100
40) 1,2,4,5-Tetrachloroben...	12.987	216	200015	47.111	ng		99
41) Hexachlorocyclopentadiene	12.976	237	228769	75.176	ng		98
43) 2,4,6-Trichlorophenol	13.217	196	111873	44.897	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.287	196	124271	44.466	ng		94
46)	1,1'-Biphenyl	13.616	154	367538	46.907	ng		99
47)	2-Chloronaphthalene	13.663	162	261567	42.373	ng		97
48)	2-Nitroaniline	13.851	65	92044	46.359	ng		97
49)	Acenaphthylene	14.503	152	456163	43.255	ng		99
50)	Dimethylphthalate	14.221	163	369244	42.847	ng		100
51)	2,6-Dinitrotoluene	14.339	165	77377	46.662	ng		92
52)	Acenaphthene	14.838	154	309502	48.947	ng		99
53)	3-Nitroaniline	14.668	138	56120	34.290	ng		89
54)	2,4-Dinitrophenol	14.868	184	98270	85.814	ng		90
55)	Dibenzofuran	15.173	168	447187	42.778	ng		99
56)	4-Nitrophenol	14.962	139	125587	96.715	ng		95
57)	2,4-Dinitrotoluene	15.120	165	115312	46.384	ng		100
58)	Fluorene	15.814	166	352150	42.951	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.391	232	132798	48.160	ng	#	98
60)	Diethylphthalate	15.573	149	360477	43.666	ng		99
61)	4-Chlorophenyl-phenyle...	15.802	204	209410	42.559	ng		98
62)	4-Nitroaniline	15.819	138	75195	44.349	ng		96
63)	Azobenzene	16.096	77	300925	43.825	ng		98
65)	4,6-Dinitro-2-methylph...	15.878	198	75724	49.145	ng		94
66)	n-Nitrosodiphenylamine	16.013	169	325431	44.769	ng		99
67)	4-Bromophenyl-phenylether	16.695	248	156547	42.955	ng		98
68)	Hexachlorobenzene	16.818	284	190725	43.195	ng		95
69)	Atrazine	16.948	200	153998	43.941	ng		97
70)	Pentachlorophenol	17.153	266	246683	93.303	ng		99
71)	Phenanthrene	17.547	178	660565	43.504	ng		99
72)	Anthracene	17.641	178	661448	42.722	ng		100
73)	Carbazole	17.899	167	587443	44.136	ng		99
74)	Di-n-butylphthalate	18.452	149	649966	43.771	ng		99
75)	Fluoranthene	19.539	202	898032	43.251	ng		99
77)	Benzidine	19.709	184	244616	21.017	ng		99
78)	Pyrene	19.903	202	934321	42.896	ng		97
80)	Butylbenzylphthalate	20.772	149	328457	42.873	ng		96
81)	Benzo(a)anthracene	21.736	228	1127249	42.658	ng		99
82)	3,3'-Dichlorobenzidine	21.642	252	300479	30.893	ng		99
83)	Chrysene	21.807	228	1062387	42.644	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.636	149	478286	42.723	ng		99
85)	Di-n-octyl phthalate	22.864	149	829659	42.874	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.745	276	1233751	46.734	ng	#	96
88)	Benzo(b)fluoranthene	23.980	252	1154586	47.216	ng		99
89)	Benzo(k)fluoranthene	24.051	252	1152801	46.925	ng		99
90)	Benzo(a)pyrene	24.868	252	1070783	47.206	ng		99
91)	Dibenzo(a,h)anthracene	28.810	278	1029634	47.609	ng		97
92)	Benzo(g,h,i)perylene	29.921	276	975725	46.879	ng		100

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

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