Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064585.D
Acq On : 27 Oct 2025 13:19
Operator : RC/JU
Sample : PB170222BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 01:19:36 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 :
PB170222BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.219	152	45379	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	155959	20.000	ng		0.00
39) Acenaphthene-d10	14.841	164	125067	20.000	ng		0.00
64) Phenanthrene-d10	17.579	188	301008	20.000	ng		0.00
76) Chrysene-d12	21.856	240	321139	20.000	ng		0.00
86) Perylene-d12	25.194	264	327874	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	334089	123.574	ng		0.00
7) Phenol-d6	7.356	99	457232	123.249	ng		0.00
23) Nitrobenzene-d5	9.383	82	216302	83.302	ng		0.00
42) 2,4,6-Tribromophenol	16.322	330	228615	126.650	ng		0.00
45) 2-Fluorobiphenyl	13.472	172	661073	80.119	ng		0.00
79) Terphenyl-d14	20.170	244	1409876	82.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	36868	30.802	ng		99
3) Pyridine	3.989	79	105120	29.245	ng		97
4) n-Nitrosodimethylamine	3.901	42	70428	36.537	ng		89
6) Aniline	7.526	93	137559	27.250	ng		98
8) 2-Chlorophenol	7.779	128	118482	41.870	ng		99
9) Benzaldehyde	7.338	77	26802	13.233	ng		95
10) Phenol	7.379	94	167214	40.757	ng		98
11) bis(2-Chloroethyl)ether	7.620	93	114046	37.808	ng		94
12) 1,3-Dichlorobenzene	8.108	146	122230	37.529	ng		98
13) 1,4-Dichlorobenzene	8.255	146	127742	38.573	ng		95
14) 1,2-Dichlorobenzene	8.578	146	107869	33.770	ng		95
15) Benzyl Alcohol	8.448	79	119970	39.216	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.748	45	253411	32.027	ng		99
17) 2-Methylphenol	8.648	107	99027	36.354	ng		99
18) Hexachloroethane	9.318	117	37966	32.668	ng		95
19) n-Nitroso-di-n-propyla...	9.024	70	85218	33.238	ng		98
20) 3+4-Methylphenols	8.977	107	133380	34.818	ng		99
22) Acetophenone	9.042	105	179107	42.011	ng		97
24) Nitrobenzene	9.424	77	114657	40.598	ng		97
25) Isophorone	9.953	82	246777	39.607	ng		98
26) 2-Nitrophenol	10.147	139	37556	35.348	ng		93
27) 2,4-Dimethylphenol	10.194	122	115691	49.917	ng		95
28) bis(2-Chloroethoxy)met...	10.434	93	142754	40.240	ng		99
29) 2,4-Dichlorophenol	10.675	162	111640	44.759	ng		96
30) 1,2,4-Trichlorobenzene	10.904	180	118363	41.766	ng		98
31) Naphthalene	11.098	128	339431	39.255	ng		100
32) Benzoic acid	10.311	122	64118	37.798	ng	#	87
33) 4-Chloroaniline	11.186	127	70034	20.838	ng		98
34) Hexachlorobutadiene	11.386	225	86664	39.103	ng		99
35) Caprolactam	11.944	113	37326m	39.018	ng		
36) 4-Chloro-3-methylphenol	12.291	107	127228	42.436	ng		97
37) 2-Methylnaphthalene	12.691	142	232467	36.618	ng		97
38) 1-Methylnaphthalene	12.902	142	243465	38.739	ng		96
40) 1,2,4,5-Tetrachloroben...	13.049	216	171867	40.947	ng		98
41) Hexachlorocyclopentadiene	13.037	237	185605	98.243	ng		98
43) 2,4,6-Trichlorophenol	13.278	196	104542	43.543	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.349	196	118455	42.754	ng		98
46)	1,1'-Biphenyl	13.684	154	377195	42.422	ng		98
47)	2-Chloronaphthalene	13.725	162	264066	39.345	ng		99
48)	2-Nitroaniline	13.907	65	79939	36.321	ng		92
49)	Acenaphthylene	14.565	152	476895	45.049	ng		99
50)	Dimethylphthalate	14.289	163	380815	39.792	ng		99
51)	2,6-Dinitrotoluene	14.400	165	64472	41.306	ng		97
52)	Acenaphthene	14.906	154	303736	41.995	ng		95
53)	3-Nitroaniline	14.723	138	48114	29.254	ng		94
54)	2,4-Dinitrophenol	14.929	184	71581	74.300	ng	#	39
55)	Dibenzofuran	15.241	168	465842	39.839	ng		99
56)	4-Nitrophenol	15.017	139	126067	82.675	ng		98
57)	2,4-Dinitrotoluene	15.182	165	93700	38.990	ng		95
58)	Fluorene	15.887	166	373136	40.861	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.452	232	120007	45.296	ng		98
60)	Diethylphthalate	15.646	149	385214	39.422	ng		99
61)	4-Chlorophenyl-phenyle...	15.875	204	205156	40.032	ng		98
62)	4-Nitroaniline	15.887	138	77104	42.140	ng		95
63)	Azobenzene	16.163	77	374238	41.741	ng		96
65)	4,6-Dinitro-2-methylph...	15.946	198	50612	39.318	ng		96
66)	n-Nitrosodiphenylamine	16.081	169	345741	42.521	ng		98
67)	4-Bromophenyl-phenylether	16.762	248	145798	40.873	ng		99
68)	Hexachlorobenzene	16.886	284	167195	41.086	ng		96
69)	Atrazine	17.021	200	139945	39.995	ng		97
70)	Pentachlorophenol	17.221	266	213517	84.140	ng		88
71)	Phenanthrene	17.620	178	658447	40.001	ng		99
72)	Anthracene	17.714	178	673431	40.218	ng		100
73)	Carbazole	17.973	167	594347	40.252	ng		99
74)	Di-n-butylphthalate	18.531	149	666045	39.008	ng		100
75)	Fluoranthene	19.618	202	810317	39.295	ng		99
77)	Benzidine	19.782	184	181540	25.232	ng		100
78)	Pyrene	19.976	202	836111	39.850	ng		100
80)	Butylbenzylphthalate	20.852	149	273778	43.173	ng		98
81)	Benzo(a)anthracene	21.833	228	871095	40.909	ng		99
82)	3,3'-Dichlorobenzidine	21.733	252	205280	28.870	ng		99
83)	Chrysene	21.903	228	812759	40.115	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.745	149	402787	42.508	ng		99
85)	Di-n-octyl phthalate	23.008	149	671230	42.016	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.036	276	1014209	42.049	ng		99
88)	Benzo(b)fluoranthene	24.130	252	854015	42.477	ng		99
89)	Benzo(k)fluoranthene	24.201	252	883190	43.898	ng		98
90)	Benzo(a)pyrene	25.035	252	814648	44.080	ng		100
91)	Dibenzo(a,h)anthracene	29.101	278	846322	43.190	ng		95
92)	Benzo(g,h,i)perylene	30.217	276	823097	43.971	ng		98

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

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