Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144455.D
Acq On : 12 Dec 2025 17:36
Operator : RC/JU
Sample : PB170916BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 12 23:31:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170916BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	215724	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	872395	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	471990	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	766320	20.000	ng	0.00
76) Chrysene-d12	13.945	240	437655	20.000	ng	0.00
86) Perylene-d12	15.380	264	454153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1614955	112.878	ng	0.01
7) Phenol-d6	6.422	99	2035102	114.040	ng	0.00
23) Nitrobenzene-d5	7.357	82	1237946	88.799	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	561817	131.658	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2300964	74.787	ng	0.00
79) Terphenyl-d14	12.898	244	2164576	78.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	246673	35.855	ng	99
3) Pyridine	3.298	79	572944	30.287	ng	99
4) n-Nitrosodimethylamine	3.240	42	343837	41.823	ng	98
6) Aniline	6.457	93	678391	27.252	ng	99
8) 2-Chlorophenol	6.575	128	666942	43.480	ng	99
9) Benzaldehyde	6.339	77	269969	19.324	ng	99
10) Phenol	6.434	94	842261	39.990	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	614221	39.898	ng	100
12) 1,3-Dichlorobenzene	6.734	146	665178	40.137	ng	100
13) 1,4-Dichlorobenzene	6.810	146	679537	40.866	ng	99
14) 1,2-Dichlorobenzene	6.963	146	654519	41.448	ng	99
15) Benzyl Alcohol	6.934	79	585914	44.545	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1027248	39.540	ng	100
17) 2-Methylphenol	7.045	107	551574	42.658	ng	99
18) Hexachloroethane	7.310	117	240706	41.662	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	469767	41.674	ng	99
20) 3+4-Methylphenols	7.198	107	673738	42.408	ng	96
22) Acetophenone	7.204	105	963007	44.503	ng	100
24) Nitrobenzene	7.375	77	691086	45.696	ng	99
25) Isophorone	7.616	82	1297958	41.254	ng	99
26) 2-Nitrophenol	7.692	139	310542	47.263	ng	99
27) 2,4-Dimethylphenol	7.728	122	635841	42.355	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	788856	40.690	ng	100
29) 2,4-Dichlorophenol	7.928	162	547680	43.907	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	572012	42.280	ng	99
31) Naphthalene	8.098	128	1871516	39.860	ng	100
32) Benzoic acid	7.851	122	447123	49.005	ng	99
33) 4-Chloroaniline	8.145	127	402673	21.336	ng	99
34) Hexachlorobutadiene	8.216	225	330777	39.542	ng	98
35) Caprolactam	8.510	113	192862m	46.821	ng	
36) 4-Chloro-3-methylphenol	8.622	107	594256	43.886	ng	98
37) 2-Methylnaphthalene	8.786	142	1147837	37.157	ng	99
38) 1-Methylnaphthalene	8.886	142	1173817	39.023	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	600704	44.719	ng	99
41) Hexachlorocyclopentadiene	8.945	237	522945	65.780	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	392967	46.067	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	398091	44.464	ng		99
46) 1,1'-Biphenyl	9.257	154	1641813	44.511	ng		100
47) 2-Chloronaphthalene	9.280	162	1132649	40.224	ng		100
48) 2-Nitroaniline	9.369	65	365559	45.468	ng		98
49) Acenaphthylene	9.692	152	1855946	41.601	ng		100
50) Dimethylphthalate	9.557	163	1357617	42.583	ng		100
51) 2,6-Dinitrotoluene	9.616	165	293110	49.992	ng		100
52) Acenaphthene	9.863	154	1231676	44.279	ng		100
53) 3-Nitroaniline	9.780	138	235190	33.854	ng		100
54) 2,4-Dinitrophenol	9.886	184	234268	84.851	ng	#	45
55) Dibenzofuran	10.039	168	1627675	41.126	ng		99
56) 4-Nitrophenol	9.933	139	467301	86.069	ng		98
57) 2,4-Dinitrotoluene	10.016	165	382524	47.939	ng		98
58) Fluorene	10.380	166	1219641	40.696	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	339465	49.949	ng		99
60) Diethylphthalate	10.257	149	1296737	42.915	ng		100
61) 4-Chlorophenyl-phenyle...	10.374	204	593925	40.391	ng		99
62) 4-Nitroaniline	10.392	138	277396	39.808	ng		98
63) Azobenzene	10.533	77	1337802	41.892	ng		100
65) 4,6-Dinitro-2-methylph...	10.422	198	169512	48.809	ng		97
66) n-Nitrosodiphenylamine	10.492	169	1113521	42.402	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	375267	41.947	ng		99
68) Hexachlorobenzene	10.922	284	417250	42.250	ng		100
69) Atrazine	11.016	200	372629	45.300	ng		100
70) Pentachlorophenol	11.116	266	490074	87.000	ng		99
71) Phenanthrene	11.339	178	1788141	40.475	ng		99
72) Anthracene	11.392	178	1787809	39.983	ng		100
73) Carbazole	11.539	167	1558875	40.158	ng		100
74) Di-n-butylphthalate	11.880	149	1900734	45.806	ng		100
75) Fluoranthene	12.521	202	1723223	39.500	ng		100
77) Benzidine	12.645	184	105970	6.800	ng		100
78) Pyrene	12.751	202	1711935	42.695	ng		99
80) Butylbenzylphthalate	13.374	149	614174	46.407	ng		98
81) Benzo(a)anthracene	13.933	228	1321277	42.870	ng		100
82) 3,3'-Dichlorobenzidine	13.898	252	328675	37.635	ng		99
83) Chrysene	13.974	228	1140932	40.449	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	725596	47.059	ng		99
85) Di-n-octyl phthalate	14.545	149	1200791	50.168	ng		99
87) Indeno(1,2,3-cd)pyrene	16.798	276	1476152	45.283	ng		99
88) Benzo(b)fluoranthene	14.968	252	1316693	44.163	ng		100
89) Benzo(k)fluoranthene	14.998	252	1261417	44.745	ng		99
90) Benzo(a)pyrene	15.321	252	1243123	47.701	ng		99
91) Dibenzo(a,h)anthracene	16.821	278	1189334	45.177	ng		99
92) Benzo(g,h,i)perylene	17.227	276	1186128	44.311	ng		100

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

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