Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144182.D
Acq On : 06 Nov 2025 12:12
Operator : RC/JU
Sample : PB170402BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 12:33:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170402BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
	Internal Standards							
1)	1,4-Dichlorobenzene-d4	6.875	152	76465	20.000	ng		0.00
21)	Naphthalene-d8	8.157	136	290437	20.000	ng		0.00
39)	Acenaphthene-d10	9.916	164	162255	20.000	ng		0.00
64)	Phenanthrene-d10	11.404	188	266140	20.000	ng		0.00
76)	Chrysene-d12	14.057	240	175885	20.000	ng		0.00
86)	Perylene-d12	15.539	264	228259	20.000	ng		0.00
	System Monitoring Compounds							
5)	2-Fluorophenol	5.498	112	560779	114.765	ng		0.00
7)	Phenol-d6	6.504	99	636051	114.881	ng		0.00
23)	Nitrobenzene-d5	7.439	82	423909	84.297	ng		0.00
42)	2,4,6-Tribromophenol	10.710	330	245455	120.551	ng		0.00
45)	2-Fluorobiphenyl	9.233	172	881503	80.239	ng		0.00
79)	Terphenyl-d14	12.992	244	891221	80.486	ng		0.00
	Target Compounds							Qvalue
2)	1,4-Dioxane	2.687	88	76983	38.107	ng		99
3)	Pyridine	3.457	79	210034	37.266	ng		99
4)	n-Nitrosodimethylamine	3.404	42	142228	48.312	ng		96
6)	Aniline	6.540	93	274067	34.743	ng		97
8)	2-Chlorophenol	6.657	128	210826	43.996	ng		97
9)	Benzaldehyde	6.428	77	110761	35.428	ng		98
10)	Phenol	6.522	94	282212	41.719	ng		92
11)	bis(2-Chloroethyl)ether	6.610	93	219598	44.551	ng		97
12)	1,3-Dichlorobenzene	6.816	146	262212	44.344	ng		99
13)	1,4-Dichlorobenzene	6.892	146	268044	45.247	ng		99
14)	1,2-Dichlorobenzene	7.045	146	255980	45.082	ng		99
15)	Benzyl Alcohol	7.016	79	198539	45.286	ng		99
16)	2,2'-oxybis(1-Chloropr...	7.145	45	416457	45.880	ng		98
17)	2-Methylphenol	7.128	107	168828	44.286	ng		98
18)	Hexachloroethane	7.387	117	89017	45.229	ng		100
19)	n-Nitroso-di-n-propyla...	7.287	70	159888	43.868	ng		96
20)	3+4-Methylphenols	7.281	107	189612	42.193	ng	#	89
22)	Acetophenone	7.287	105	307158	49.299	ng		99
24)	Nitrobenzene	7.457	77	246725	45.187	ng		98
25)	Isophorone	7.692	82	430970	45.308	ng		99
26)	2-Nitrophenol	7.775	139	126602	46.840	ng		98
27)	2,4-Dimethylphenol	7.810	122	196394	48.479	ng		97
28)	bis(2-Chloroethoxy)met...	7.904	93	268641	45.227	ng		98
29)	2,4-Dichlorophenol	8.016	162	200053	42.846	ng		98
30)	1,2,4-Trichlorobenzene	8.098	180	224872	46.902	ng		97
31)	Naphthalene	8.181	128	601106	43.509	ng		99
32)	Benzoic acid	7.939	122	133299	44.889	ng		96
33)	4-Chloroaniline	8.228	127	109748	21.780	ng		98
34)	Hexachlorobutadiene	8.292	225	161792	44.776	ng		99
35)	Caprolactam	8.592	113	57576m	45.009	ng		
36)	4-Chloro-3-methylphenol	8.710	107	188725	45.101	ng		97
37)	2-Methylnaphthalene	8.869	142	370091	40.065	ng		100
38)	1-Methylnaphthalene	8.969	142	375329	42.111	ng		99
40)	1,2,4,5-Tetrachloroben...	9.039	216	250485	47.105	ng		98
41)	Hexachlorocyclopentadiene	9.022	237	221379	97.929	ng		96
43)	2,4,6-Trichlorophenol	9.151	196	154181	42.600	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	167798	43.017	ng	99
46) 1,1'-Biphenyl	9.333	154	549871	48.550	ng	99
47) 2-Chloronaphthalene	9.363	162	417482	43.213	ng	99
48) 2-Nitroaniline	9.457	65	127096	45.594	ng	99
49) Acenaphthylene	9.781	152	639745	48.593	ng	100
50) Dimethylphthalate	9.633	163	490338	45.617	ng	99
51) 2,6-Dinitrotoluene	9.698	165	104406	47.982	ng	99
52) Acenaphthene	9.951	154	361986	41.116	ng	97
53) 3-Nitroaniline	9.869	138	67864	28.531	ng	97
54) 2,4-Dinitrophenol	9.980	184	114596	87.214	ng	97
55) Dibenzofuran	10.122	168	537517	43.593	ng	98
56) 4-Nitrophenol	10.033	139	136475	79.317	ng	92
57) 2,4-Dinitrotoluene	10.104	165	137430	47.179	ng	99
58) Fluorene	10.469	166	416414	44.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129616	46.966	ng	98
60) Diethylphthalate	10.333	149	441301	44.535	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	231675	43.384	ng	97
62) 4-Nitroaniline	10.486	138	100396	44.320	ng	98
63) Azobenzene	10.616	77	427832	46.392	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	82181	45.454	ng	99
66) n-Nitrosodiphenylamine	10.575	169	404639	47.272	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	157013	46.221	ng	97
68) Hexachlorobenzene	11.016	284	186865	46.702	ng	97
69) Atrazine	11.104	200	133096	48.893	ng	99
70) Pentachlorophenol	11.210	266	196647	98.695	ng	97
71) Phenanthrene	11.433	178	605590	45.702	ng	100
72) Anthracene	11.486	178	616478	45.754	ng	100
73) Carbazole	11.639	167	512793	44.757	ng	99
74) Di-n-butylphthalate	11.963	149	636493	45.955	ng	100
75) Fluoranthene	12.621	202	613782	44.841	ng	99
77) Benzidine	12.745	184	160508	30.852	ng	98
78) Pyrene	12.851	202	619297	43.670	ng	99
80) Butylbenzylphthalate	13.468	149	231897	47.180	ng	97
81) Benzo(a)anthracene	14.045	228	561445	46.057	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	126207	30.204	ng	98
83) Chrysene	14.080	228	531513	47.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	325045	48.309	ng	98
85) Di-n-octyl phthalate	14.645	149	563065	48.503	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	772561	47.150	ng	98
88) Benzo(b)fluoranthene	15.104	252	663728	51.147	ng	100
89) Benzo(k)fluoranthene	15.133	252	545342	44.897	ng	98
90) Benzo(a)pyrene	15.480	252	606019	50.621	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	634939	48.251	ng	99
92) Benzo(g,h,i)perylene	17.504	276	652069	50.179	ng	99

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

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