Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144233.D
Acq On : 12 Nov 2025 17:21
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 10:40:09 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 :
PB170473BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	53265	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	208695	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	114165	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	198802	20.000	ng	0.00
76) Chrysene-d12	14.051	240	102221	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	129703	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	343236	100.839	ng	0.01
7) Phenol-d6	6.504	99	394085	102.180	ng	0.00
23) Nitrobenzene-d5	7.434	82	258008	71.402	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145604	101.633	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	517969	67.009	ng	0.00
79) Terphenyl-d14	12.986	244	516954	80.329	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	53216	37.816	ng	98
3) Pyridine	3.499	79	153754	39.163	ng	97
4) n-Nitrosodimethylamine	3.452	42	89281	43.536	ng	92
6) Aniline	6.534	93	173803	31.630	ng	95
8) 2-Chlorophenol	6.657	128	130914	39.219	ng	99
9) Benzaldehyde	6.422	77	81838	37.578	ng	97
10) Phenol	6.516	94	177072	37.578	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	138516	40.342	ng	96
12) 1,3-Dichlorobenzene	6.810	146	152477	37.018	ng	98
13) 1,4-Dichlorobenzene	6.887	146	155672	37.724	ng	100
14) 1,2-Dichlorobenzene	7.040	146	150419	38.030	ng	99
15) Benzyl Alcohol	7.010	79	127042	41.600	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	282689	44.708	ng	98
17) 2-Methylphenol	7.122	107	107951	40.651	ng	99
18) Hexachloroethane	7.381	117	51302	37.420	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	96758	38.110	ng	94
20) 3+4-Methylphenols	7.275	107	117653	37.584	ng	99
22) Acetophenone	7.281	105	163610	36.545	ng	94
24) Nitrobenzene	7.451	77	151558	38.630	ng	99
25) Isophorone	7.693	82	279013	40.822	ng	99
26) 2-Nitrophenol	7.769	139	78013	40.169	ng	97
27) 2,4-Dimethylphenol	7.804	122	125903	43.252	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	174948	40.989	ng	98
29) 2,4-Dichlorophenol	8.010	162	121626	36.252	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	129412	37.564	ng	95
31) Naphthalene	8.175	128	363061	36.572	ng	99
32) Benzoic acid	7.934	122	87856	41.174	ng	94
33) 4-Chloroaniline	8.222	127	79741	22.024	ng	98
34) Hexachlorobutadiene	8.287	225	88244	33.987	ng	99
35) Caprolactam	8.598	113	41999m	45.692	ng	
36) 4-Chloro-3-methylphenol	8.704	107	118084	39.272	ng	97
37) 2-Methylnaphthalene	8.863	142	226902	34.185	ng	100
38) 1-Methylnaphthalene	8.963	142	231287	36.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	136585	36.505	ng	98
41) Hexachlorocyclopentadiene	9.016	237	117926	80.491	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	95293	37.420	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.187	196	101130	36.847	ng		98
46)	1,1'-Biphenyl	9.328	154	307742	38.617	ng		99
47)	2-Chloronaphthalene	9.357	162	257832	37.929	ng		98
48)	2-Nitroaniline	9.451	65	83370	42.506	ng		98
49)	Acenaphthylene	9.775	152	394409	42.577	ng		100
50)	Dimethylphthalate	9.634	163	309138	40.874	ng		98
51)	2,6-Dinitrotoluene	9.698	165	64785	42.314	ng		99
52)	Acenaphthene	9.945	154	220212	35.549	ng		100
53)	3-Nitroaniline	9.863	138	48154	28.772	ng		98
54)	2,4-Dinitrophenol	9.975	184	66219	71.625	ng		97
55)	Dibenzofuran	10.116	168	321747	37.086	ng		99
56)	4-Nitrophenol	10.034	139	89353	73.805	ng		95
57)	2,4-Dinitrotoluene	10.104	165	84003	40.985	ng		93
58)	Fluorene	10.463	166	249479	37.821	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	76894	39.598	ng		99
60)	Diethylphthalate	10.334	149	280914	40.291	ng		100
61)	4-Chlorophenyl-phenyle...	10.451	204	135604	36.090	ng		97
62)	4-Nitroaniline	10.486	138	65552	41.128	ng		92
63)	Azobenzene	10.610	77	277717	42.800	ng		99
65)	4,6-Dinitro-2-methylph...	10.516	198	48776	36.116	ng		98
66)	n-Nitrosodiphenylamine	10.569	169	251635	39.355	ng		98
67)	4-Bromophenyl-phenylether	10.939	248	93124	36.699	ng		96
68)	Hexachlorobenzene	11.010	284	109416	36.608	ng		97
69)	Atrazine	11.098	200	85252	41.925	ng		99
70)	Pentachlorophenol	11.210	266	103514	69.550	ng		99
71)	Phenanthrene	11.428	178	369076	37.288	ng		99
72)	Anthracene	11.481	178	378469	37.604	ng		99
73)	Carbazole	11.633	167	324324	37.896	ng		100
74)	Di-n-butylphthalate	11.957	149	425741	41.150	ng		99
75)	Fluoranthene	12.616	202	361607	35.366	ng		98
77)	Benzidine	12.739	184	171107	56.590	ng		99
78)	Pyrene	12.845	202	353534	42.894	ng		99
80)	Butylbenzylphthalate	13.463	149	134916	47.230	ng		98
81)	Benzo(a)anthracene	14.039	228	281576	39.744	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	64071	26.384	ng		99
83)	Chrysene	14.074	228	258095	39.463	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.022	149	173549	44.381	ng		98
85)	Di-n-octyl phthalate	14.633	149	259533	38.467	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.033	276	336289	36.119	ng		96
88)	Benzo(b)fluoranthene	15.092	252	288448m	39.118	ng		
89)	Benzo(k)fluoranthene	15.127	252	265651	38.489	ng		98
90)	Benzo(a)pyrene	15.469	252	276461	40.640	ng	#	98
91)	Dibenzo(a,h)anthracene	17.045	278	270948	36.236	ng		97
92)	Benzo(g,h,i)perylene	17.486	276	272047	36.843	ng		96

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

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