Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144012.D
Acq On : 21 Oct 2025 14:59
Operator : RC/JU
Sample : PB170166BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 21 15:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170166BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	133446	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	518625	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	283438	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	479338	20.00	ng		0.00
76) Chrysene-d12	14.063	240	259427	20.00	ng		0.00
86) Perylene-d12	15.545	264	265427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1028015	122.33	ng		0.01
7) Phenol-d6	6.510	99	1214971	121.30	ng		0.00
23) Nitrobenzene-d5	7.445	82	761520	89.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	381681	135.20	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1418195	79.39	ng		-0.01
79) Terphenyl-d14	13.004	244	1477256	97.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	155696	40.04	ng		97
3) Pyridine	3.499	79	453333	40.05	ng		99
4) n-Nitrosodimethylamine	3.446	42	275127	46.20	ng		94
6) Aniline	6.545	93	493609	32.89	ng		98
8) 2-Chlorophenol	6.669	128	387645	47.19	ng		99
9) Benzaldehyde	6.434	77	220406	28.52	ng		99
10) Phenol	6.528	94	541734	45.24	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	422051	45.62	ng		97
12) 1,3-Dichlorobenzene	6.822	146	442429	45.00	ng		99
13) 1,4-Dichlorobenzene	6.898	146	447319	46.12	ng		100
14) 1,2-Dichlorobenzene	7.051	146	439236	47.28	ng		99
15) Benzyl Alcohol	7.022	79	368829	49.14	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1011154	48.02	ng		100
17) 2-Methylphenol	7.134	107	318432	46.91	ng		99
18) Hexachloroethane	7.392	117	149845	46.32	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	306752	44.74	ng		100
20) 3+4-Methylphenols	7.287	107	355988	45.25	ng	#	76
22) Acetophenone	7.292	105	538406	49.10	ng		97
24) Nitrobenzene	7.463	77	456621	48.17	ng		100
25) Isophorone	7.704	82	837165	46.51	ng		99
26) 2-Nitrophenol	7.781	139	224501	55.24	ng		97
27) 2,4-Dimethylphenol	7.816	122	376854	51.55	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	528721	46.50	ng		99
29) 2,4-Dichlorophenol	8.022	162	349149	45.85	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	362396	48.39	ng		98
31) Naphthalene	8.187	128	1064832	45.14	ng		99
32) Benzoic acid	7.945	122	292026m	57.71	ng		
33) 4-Chloroaniline	8.234	127	134768	15.23	ng		97
34) Hexachlorobutadiene	8.304	225	234234	45.01	ng		98
35) Caprolactam	8.610	113	120084m	49.59	ng		
36) 4-Chloro-3-methylphenol	8.716	107	339307	46.38	ng		99
37) 2-Methylnaphthalene	8.881	142	650390	41.39	ng		100
38) 1-Methylnaphthalene	8.981	142	666453	43.72	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	386272	49.31	ng		98
41) Hexachlorocyclopentadiene	9.034	237	367321	113.02	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	260843	45.57	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	281193	46.49	ng		98
46) 1,1'-Biphenyl	9.345	154	921388	49.10	ng		98
47) 2-Chloronaphthalene	9.369	162	709052	45.32	ng		99
48) 2-Nitroaniline	9.463	65	252025	50.95	ng		99
49) Acenaphthylene	9.786	152	1122935	51.05	ng		99
50) Dimethylphthalate	9.645	163	846171	47.01	ng		100
51) 2,6-Dinitrotoluene	9.710	165	183336	54.93	ng		95
52) Acenaphthene	9.957	154	684189	47.47	ng		99
53) 3-Nitroaniline	9.875	138	118984	29.11	ng		95
54) 2,4-Dinitrophenol	9.986	184	185834	89.37	ng	#	90
55) Dibenzofuran	10.133	168	922016	45.32	ng		98
56) 4-Nitrophenol	10.039	139	265552	85.82	ng		94
57) 2,4-Dinitrotoluene	10.116	165	244879	53.92	ng		98
58) Fluorene	10.475	166	699527	45.56	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	209253	48.87	ng	#	98
60) Diethylphthalate	10.345	149	772537	46.20	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	370148	45.60	ng		97
62) 4-Nitroaniline	10.498	138	189298	48.17	ng		93
63) Azobenzene	10.628	77	829185	47.45	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	135373	56.20	ng		98
66) n-Nitrosodiphenylamine	10.586	169	711691	47.29	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	242757	45.83	ng		99
68) Hexachlorobenzene	11.022	284	286318	46.69	ng		99
69) Atrazine	11.116	200	223417	48.98	ng		99
70) Pentachlorophenol	11.222	266	299120	84.92	ng		97
71) Phenanthrene	11.439	178	1051103	45.23	ng		100
72) Anthracene	11.492	178	1067842	45.49	ng		99
73) Carbazole	11.645	167	951696	45.77	ng		99
74) Di-n-butylphthalate	11.975	149	1150551	47.75	ng		99
75) Fluoranthene	12.633	202	1069135	44.54	ng		99
77) Benzidine	12.757	184	257313	28.57	ng		98
78) Pyrene	12.863	202	1087880	50.30	ng		99
80) Butylbenzylphthalate	13.480	149	377145	53.69	ng		99
81) Benzo(a)anthracene	14.051	228	861940	50.77	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	148157	28.64	ng		99
83) Chrysene	14.092	228	744875	47.41	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	442497	52.26	ng		99
85) Di-n-octyl phthalate	14.651	149	730981	52.56	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	873923	53.73	ng		97
88) Benzo(b)fluoranthene	15.110	252	729756	47.86	ng		98
89) Benzo(k)fluoranthene	15.139	252	639376	45.32	ng		100
90) Benzo(a)pyrene	15.486	252	668392	50.56	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	712382	54.46	ng		99
92) Benzo(g,h,i)perylene	17.509	276	717596	54.86	ng		97

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

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