Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 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 :
PB170478BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75320	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	282587	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160149	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	268017	20.000	ng	0.00
76) Chrysene-d12	14.063	240	166103	20.000	ng	0.01
86) Perylene-d12	15.545	264	208533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	551140	114.507	ng	0.01
7) Phenol-d6	6.510	99	612261	112.265	ng	0.01
23) Nitrobenzene-d5	7.439	82	408124	83.412	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	243773	121.299	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	856486	78.987	ng	0.00
79) Terphenyl-d14	12.998	244	866540	82.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	69787	35.071	ng	96
3) Pyridine	3.469	79	192404	34.657	ng	99
4) n-Nitrosodimethylamine	3.410	42	136976	47.235	ng	94
6) Aniline	6.540	93	266948	34.355	ng	94
8) 2-Chlorophenol	6.663	128	202619	42.926	ng	98
9) Benzaldehyde	6.428	77	100143	32.518	ng	97
10) Phenol	6.522	94	279333	41.921	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	208389	42.920	ng	97
12) 1,3-Dichlorobenzene	6.816	146	241625	41.484	ng	99
13) 1,4-Dichlorobenzene	6.892	146	253427	43.430	ng	99
14) 1,2-Dichlorobenzene	7.045	146	241447	43.169	ng	99
15) Benzyl Alcohol	7.016	79	196161	45.424	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	397303	44.436	ng	93
17) 2-Methylphenol	7.128	107	162150	43.181	ng	97
18) Hexachloroethane	7.386	117	83780	43.215	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	154528	43.042	ng	94
20) 3+4-Methylphenols	7.281	107	184122	41.595	ng	93
22) Acetophenone	7.287	105	290309	47.889	ng	96
24) Nitrobenzene	7.457	77	234871	44.211	ng	99
25) Isophorone	7.698	82	416737	45.029	ng	99
26) 2-Nitrophenol	7.775	139	115191	43.802	ng	96
27) 2,4-Dimethylphenol	7.810	122	190067	48.221	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	257957	44.634	ng	96
29) 2,4-Dichlorophenol	8.016	162	193822	42.664	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	208428	44.679	ng	98
31) Naphthalene	8.181	128	585699	43.571	ng	99
32) Benzoic acid	7.939	122	131726	45.592	ng	96
33) 4-Chloroaniline	8.228	127	124369	25.368	ng	99
34) Hexachlorobutadiene	8.292	225	154326	43.896	ng	99
35) Caprolactam	8.598	113	56688m	45.546	ng	
36) 4-Chloro-3-methylphenol	8.716	107	182799	44.898	ng	99
37) 2-Methylnaphthalene	8.869	142	356464	39.662	ng	99
38) 1-Methylnaphthalene	8.969	142	368954	42.546	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	246104	46.890	ng	98
41) Hexachlorocyclopentadiene	9.022	237	197419	91.222	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	153139	42.869	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	159933	41.540	ng	99
46) 1,1'-Biphenyl	9.339	154	524494	46.918	ng	99
47) 2-Chloronaphthalene	9.363	162	396675	41.599	ng	98
48) 2-Nitroaniline	9.463	65	126485	45.972	ng	99
49) Acenaphthylene	9.780	152	629798	48.466	ng	98
50) Dimethylphthalate	9.639	163	474893	44.761	ng	99
51) 2,6-Dinitrotoluene	9.704	165	102027	47.505	ng	98
52) Acenaphthene	9.951	154	345560	39.767	ng	98
53) 3-Nitroaniline	9.875	138	72985	31.087	ng	99
54) 2,4-Dinitrophenol	9.986	184	112309	86.597	ng	98
55) Dibenzofuran	10.122	168	509223	41.842	ng	98
56) 4-Nitrophenol	10.039	139	134569	79.237	ng	93
57) 2,4-Dinitrotoluene	10.110	165	130747	45.475	ng	93
58) Fluorene	10.469	166	403013	43.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	124788	45.811	ng	97
60) Diethylphthalate	10.339	149	442821	45.276	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	222229	42.162	ng	95
62) 4-Nitroaniline	10.492	138	98043	43.851	ng	98
63) Azobenzene	10.622	77	419160	46.050	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	77843	42.753	ng	97
66) n-Nitrosodiphenylamine	10.580	169	394291	45.741	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	151509	44.288	ng	98
68) Hexachlorobenzene	11.016	284	182575	45.310	ng	98
69) Atrazine	11.104	200	129589	47.271	ng	99
70) Pentachlorophenol	11.216	266	188539	93.963	ng	99
71) Phenanthrene	11.433	178	587824	44.051	ng	100
72) Anthracene	11.486	178	594138	43.787	ng	99
73) Carbazole	11.639	167	504944	43.764	ng	99
74) Di-n-butylphthalate	11.969	149	635124	45.535	ng	99
75) Fluoranthene	12.627	202	593499	43.055	ng	99
77) Benzidine	12.751	184	127913	26.035	ng	99
78) Pyrene	12.857	202	595945	44.498	ng	99
80) Butylbenzylphthalate	13.474	149	218599	47.094	ng	97
81) Benzo(a)anthracene	14.051	228	527718	45.840	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	137930	34.954	ng	96
83) Chrysene	14.086	228	467136	43.956	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	295568	46.515	ng	97
85) Di-n-octyl phthalate	14.645	149	506010	46.155	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	690764	46.145	ng	99
88) Benzo(b)fluoranthene	15.110	252	612732	51.683	ng	99
89) Benzo(k)fluoranthene	15.139	252	478154	43.090	ng	99
90) Benzo(a)pyrene	15.480	252	532196	48.659	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	573506	47.705	ng	99
92) Benzo(g,h,i)perylene	17.509	276	584704	49.251	ng	99

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

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