Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144350.D
Acq On : 25 Nov 2025 14:54
Operator : RC/JU
Sample : PB170730BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 17:03:20 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 :
PB170730BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	61843	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	232918	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	113683	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	198856	20.000	ng		-0.01
76) Chrysene-d12	14.039	240	132740	20.000	ng		-0.01
86) Perylene-d12	15.515	264	166770	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	349489	88.435	ng		0.00
7) Phenol-d6	6.498	99	396598	88.568	ng		0.00
23) Nitrobenzene-d5	7.428	82	346629	85.951	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	115813	81.182	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	695353	90.338	ng		0.00
79) Terphenyl-d14	12.980	244	698027	83.528	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	64585	39.529	ng		99
3) Pyridine	3.440	79	157901	34.641	ng		98
4) n-Nitrosodimethylamine	3.393	42	101457	42.611	ng		88
6) Aniline	6.528	93	149466	23.428	ng		94
8) 2-Chlorophenol	6.651	128	171834	44.337	ng		98
9) Benzaldehyde	6.434	77	248	0.098	ng	#	39
10) Phenol	6.510	94	227673	41.614	ng		98
11) bis(2-Chloroethyl)ether	6.598	93	177785	44.596	ng		98
12) 1,3-Dichlorobenzene	6.804	146	206426	43.164	ng		97
13) 1,4-Dichlorobenzene	6.881	146	207529	43.315	ng		99
14) 1,2-Dichlorobenzene	7.034	146	200186	43.592	ng		98
15) Benzyl Alcohol	7.004	79	156926	44.258	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	337422	45.962	ng		94
17) 2-Methylphenol	7.116	107	136654	44.322	ng		98
18) Hexachloroethane	7.369	117	66228	41.606	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	122162	41.442	ng		98
20) 3+4-Methylphenols	7.269	107	149170	41.042	ng		95
22) Acetophenone	7.269	105	215890	43.207	ng		98
24) Nitrobenzene	7.445	77	189523	43.283	ng		97
25) Isophorone	7.686	82	339451	44.499	ng		99
26) 2-Nitrophenol	7.763	139	99171	45.752	ng		94
27) 2,4-Dimethylphenol	7.798	122	158102	48.665	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	212182	44.543	ng		98
29) 2,4-Dichlorophenol	8.004	162	156456	41.783	ng		100
30) 1,2,4-Trichlorobenzene	8.086	180	166193	43.223	ng		99
31) Naphthalene	8.169	128	476514	43.008	ng		99
32) Benzoic acid	7.928	122	96380	40.472	ng		95
33) 4-Chloroaniline	8.216	127	116523	28.836	ng		97
34) Hexachlorobutadiene	8.281	225	116070	40.055	ng		99
35) Caprolactam	8.586	113	46925m	45.742	ng		
36) 4-Chloro-3-methylphenol	8.698	107	137357	40.931	ng		98
37) 2-Methylnaphthalene	8.857	142	307456	41.504	ng		100
38) 1-Methylnaphthalene	8.957	142	285406	39.930	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	171267	45.968	ng		99
41) Hexachlorocyclopentadiene	9.010	237	124503	83.912	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	114449	45.133	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	118753	43.451	ng	99
46) 1,1'-Biphenyl	9.322	154	377368	47.555	ng	99
47) 2-Chloronaphthalene	9.351	162	318427	47.042	ng	99
48) 2-Nitroaniline	9.445	65	90508	46.341	ng	95
49) Acenaphthylene	9.763	152	449208	48.698	ng	99
50) Dimethylphthalate	9.622	163	346493	46.007	ng	100
51) 2,6-Dinitrotoluene	9.686	165	75673	49.636	ng	97
52) Acenaphthene	9.933	154	265215	42.995	ng	100
53) 3-Nitroaniline	9.857	138	59429	35.659	ng	99
54) 2,4-Dinitrophenol	9.975	184	83156	90.326	ng	91
55) Dibenzofuran	10.110	168	391375	45.303	ng	98
56) 4-Nitrophenol	10.027	139	97639	80.991	ng	93
57) 2,4-Dinitrotoluene	10.092	165	94303	46.206	ng	99
58) Fluorene	10.451	166	302636	46.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	87926	45.472	ng	98
60) Diethylphthalate	10.322	149	310275	44.691	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	163940	43.816	ng	97
62) 4-Nitroaniline	10.475	138	67768	42.698	ng	92
63) Azobenzene	10.604	77	295478	45.730	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	56872	42.099	ng	97
66) n-Nitrosodiphenylamine	10.563	169	283440	44.317	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	106088	41.796	ng	99
68) Hexachlorobenzene	11.004	284	126307	42.248	ng	94
69) Atrazine	11.086	200	53907	26.503	ng	98
70) Pentachlorophenol	11.198	266	109781	73.741	ng	98
71) Phenanthrene	11.416	178	433701	43.805	ng	100
72) Anthracene	11.469	178	425180	42.233	ng	99
73) Carbazole	11.627	167	364792	42.613	ng	99
74) Di-n-butylphthalate	11.945	149	440590	42.574	ng	99
75) Fluoranthene	12.610	202	442233	43.240	ng	99
77) Benzidine	12.733	184	34802	8.864	ng	100
78) Pyrene	12.839	202	448343	41.891	ng	99
80) Butylbenzylphthalate	13.451	149	172020	46.374	ng	98
81) Benzo(a)anthracene	14.027	228	455856	49.550	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	145752	46.219	ng	97
83) Chrysene	14.068	228	394462	46.447	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	244500	48.149	ng	99
85) Di-n-octyl phthalate	14.621	149	446718	50.988	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	578262	48.304	ng	98
88) Benzo(b)fluoranthene	15.086	252	537665	56.708	ng	98
89) Benzo(k)fluoranthene	15.115	252	415699	46.843	ng	99
90) Benzo(a)pyrene	15.457	252	426596	48.772	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	478350	49.754	ng	99
92) Benzo(g,h,i)perylene	17.480	276	481091	50.672	ng	98

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

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