Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111425\
Data File : BF144255.D
Acq On : 14 Nov 2025 11:17
Operator : RC/JU
Sample : PB170538BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 11:36:54 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 :
PB170538BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	53726	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	205178	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	115456	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	197067	20.000	ng		0.00
76) Chrysene-d12	14.045	240	100542	20.000	ng		0.00
86) Perylene-d12	15.521	264	133757	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	409893	119.389	ng		0.00
7) Phenol-d6	6.498	99	457808	117.684	ng		0.00
23) Nitrobenzene-d5	7.428	82	304690	85.766	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	182687	126.092	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	649991	83.148	ng		0.00
79) Terphenyl-d14	12.980	244	607096	95.912	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	56875	40.070	ng		97
3) Pyridine	3.451	79	154608	39.043	ng		98
4) n-Nitrosodimethylamine	3.404	42	104809	50.670	ng		95
6) Aniline	6.528	93	182772	32.976	ng	#	83
8) 2-Chlorophenol	6.651	128	152753	45.369	ng		99
9) Benzaldehyde	6.422	77	78489	35.731	ng		97
10) Phenol	6.516	94	203717	42.861	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	160111	46.231	ng		99
12) 1,3-Dichlorobenzene	6.810	146	188790	45.440	ng		99
13) 1,4-Dichlorobenzene	6.887	146	188727	45.341	ng		100
14) 1,2-Dichlorobenzene	7.034	146	181521	45.499	ng		99
15) Benzyl Alcohol	7.010	79	145459	47.222	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	293189	45.971	ng		97
17) 2-Methylphenol	7.122	107	123374	46.060	ng		98
18) Hexachloroethane	7.375	117	62554	45.235	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	118124	46.126	ng		97
20) 3+4-Methylphenols	7.275	107	138438	43.844	ng	#	88
22) Acetophenone	7.275	105	224695	51.049	ng		94
24) Nitrobenzene	7.451	77	180104	46.692	ng		99
25) Isophorone	7.686	82	313211	46.611	ng		99
26) 2-Nitrophenol	7.763	139	87547	45.850	ng		94
27) 2,4-Dimethylphenol	7.798	122	145305	50.772	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	195325	46.548	ng		99
29) 2,4-Dichlorophenol	8.010	162	146615	44.449	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	157003	46.353	ng		96
31) Naphthalene	8.169	128	437773	44.853	ng		99
32) Benzoic acid	7.934	122	94888	45.232	ng		96
33) 4-Chloroaniline	8.222	127	72628	20.403	ng		99
34) Hexachlorobutadiene	8.286	225	111899	43.836	ng		98
35) Caprolactam	8.592	113	43606m	48.253	ng		
36) 4-Chloro-3-methylphenol	8.704	107	137001	46.344	ng		98
37) 2-Methylnaphthalene	8.863	142	267657	41.017	ng		100
38) 1-Methylnaphthalene	8.963	142	271029	43.045	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	187203	49.474	ng		98
41) Hexachlorocyclopentadiene	9.016	237	156472	97.472	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	112554	43.704	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	121266	43.689	ng	99
46) 1,1'-Biphenyl	9.328	154	396865	49.244	ng	99
47) 2-Chloronaphthalene	9.351	162	307186	44.684	ng	98
48) 2-Nitroaniline	9.451	65	97679	49.245	ng	99
49) Acenaphthylene	9.769	152	468228	49.981	ng	100
50) Dimethylphthalate	9.628	163	361606	47.277	ng	100
51) 2,6-Dinitrotoluene	9.692	165	75771	48.937	ng	96
52) Acenaphthene	9.939	154	263551	42.070	ng	99
53) 3-Nitroaniline	9.863	138	50498	29.835	ng	97
54) 2,4-Dinitrophenol	9.975	184	80174	85.750	ng	91
55) Dibenzofuran	10.116	168	391186	44.585	ng	99
56) 4-Nitrophenol	10.028	139	98802	80.697	ng	91
57) 2,4-Dinitrotoluene	10.098	165	103751	50.054	ng	94
58) Fluorene	10.457	166	305920	45.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	97797	49.800	ng	97
60) Diethylphthalate	10.327	149	337070	47.805	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	166830	43.904	ng	94
62) 4-Nitroaniline	10.480	138	73766	45.764	ng	97
63) Azobenzene	10.610	77	320665	48.866	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	63432	47.381	ng	96
66) n-Nitrosodiphenylamine	10.569	169	302157	47.672	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	116875	46.464	ng	98
68) Hexachlorobenzene	11.004	284	140268	47.344	ng	99
69) Atrazine	11.092	200	96020	47.636	ng	98
70) Pentachlorophenol	11.204	266	127043	86.110	ng	99
71) Phenanthrene	11.422	178	447431	45.602	ng	99
72) Anthracene	11.474	178	460716	46.179	ng	100
73) Carbazole	11.627	167	375674	44.282	ng	99
74) Di-n-butylphthalate	11.951	149	434566	42.373	ng	100
75) Fluoranthene	12.610	202	431931	42.616	ng	99
77) Benzidine	12.733	184	93940	31.587	ng	98
78) Pyrene	12.845	202	429807	53.019	ng	99
80) Butylbenzylphthalate	13.457	149	124701	44.383	ng	99
81) Benzo(a)anthracene	14.033	228	330869	47.482	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	65933	27.604	ng	95
83) Chrysene	14.068	228	314609	48.908	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	154655	40.209	ng	99
85) Di-n-octyl phthalate	14.627	149	286634	43.193	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	463799	48.304	ng	99
88) Benzo(b)fluoranthene	15.092	252	370058	48.664	ng	100
89) Benzo(k)fluoranthene	15.121	252	340725	47.870	ng	97
90) Benzo(a)pyrene	15.462	252	353219	50.350	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	377187	48.915	ng	99
92) Benzo(g,h,i)perylene	17.474	276	374534	49.185	ng	99

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

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