

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144249.D
 Acq On : 13 Nov 2025 17:54
 Operator : RC/JU
 Sample : Q3609-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MS

Quant Time: Nov 14 00:43:48 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

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 11/14/2025

Supervised By :Sohil
 Jadhav
 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	55763	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	208413	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	114963	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	181496	20.000	ng	0.00
76) Chrysene-d12	14.045	240	97924	20.000	ng	0.00
86) Perylene-d12	15.521	264	142819	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	368930	103.533	ng	0.00
7) Phenol-d6	6.498	99	395672	97.996	ng	0.00
23) Nitrobenzene-d5	7.434	82	301918	83.667	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	169299	117.353	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	605177	77.747	ng	0.00
79) Terphenyl-d14	12.980	244	515294	83.585	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.757	88	46901	31.836	ng	# 81
3) Pyridine	3.493	79	119806	29.149	ng	99
4) n-Nitrosodimethylamine	3.428	42	83221	38.763	ng	96
6) Aniline	6.534	93	72512	12.605	ng	# 89
8) 2-Chlorophenol	6.657	128	129909	37.174	ng	99
9) Benzaldehyde	6.422	77	62719	27.509	ng	97
10) Phenol	6.516	94	155448	31.511	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	136401	37.946	ng	99
12) 1,3-Dichlorobenzene	6.810	146	136341	31.617	ng	99
13) 1,4-Dichlorobenzene	6.887	146	142511	32.987	ng	99
14) 1,2-Dichlorobenzene	7.034	146	138988	33.565	ng	97
15) Benzyl Alcohol	7.010	79	130433	40.797	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	245938	37.154	ng	95
17) 2-Methylphenol	7.122	107	109879	39.524	ng	98
18) Hexachloroethane	7.375	117	44357	30.904	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	105313	39.621	ng	93
20) 3+4-Methylphenols	7.275	107	128610	39.244	ng	# 85
22) Acetophenone	7.275	105	185333	41.453	ng	97
24) Nitrobenzene	7.451	77	157835	40.284	ng	99
25) Isophorone	7.687	82	285567	41.837	ng	100
26) 2-Nitrophenol	7.769	139	80868	41.695	ng	97
27) 2,4-Dimethylphenol	7.804	122	133135	45.798	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	179443	42.099	ng	98
29) 2,4-Dichlorophenol	8.010	162	137275	40.971	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	133766	38.880	ng	98
31) Naphthalene	8.169	128	377511	38.079	ng	100
32) Benzoic acid	7.922	122	60708	28.490	ng	95
33) 4-Chloroaniline	8.222	127	29703	8.215	ng	97
34) Hexachlorobutadiene	8.287	225	91414	35.255	ng	98
35) Caprolactam	8.586	113	31149m	33.934	ng	
36) 4-Chloro-3-methylphenol	8.704	107	129362	43.081	ng	99
37) 2-Methylnaphthalene	8.863	142	246037	37.118	ng	98
38) 1-Methylnaphthalene	8.963	142	246898	38.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	153923	40.853	ng	99
41) Hexachlorocyclopentadiene	9.016	237	133196	87.324	ng	94
43) 2,4,6-Trichlorophenol	9.145	196	108270	42.221	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	118229	42.778	ng	99
46) 1,1'-Biphenyl	9.328	154	339534	42.311	ng	98
47) 2-Chloronaphthalene	9.351	162	285534	41.713	ng	98
48) 2-Nitroaniline	9.451	65	91436	46.295	ng	99
49) Acenaphthylene	9.769	152	440703	47.244	ng	99
50) Dimethylphthalate	9.628	163	341215	44.802	ng	99
51) 2,6-Dinitrotoluene	9.692	165	71126	46.134	ng	99
52) Acenaphthene	9.939	154	241433	38.704	ng	98
53) 3-Nitroaniline	9.863	138	24154	14.332	ng	99
54) 2,4-Dinitrophenol	9.975	184	62991	67.661	ng	99
55) Dibenzofuran	10.116	168	367274	42.039	ng	99
56) 4-Nitrophenol	10.028	139	75947	62.296	ng	91
57) 2,4-Dinitrotoluene	10.098	165	96352	46.684	ng	96
58) Fluorene	10.457	166	288810	43.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	90662	46.365	ng	97
60) Diethylphthalate	10.328	149	299753	42.695	ng	99
61) 4-Chlorophenyl-phenylether	10.445	204	159207	42.078	ng	96
62) 4-Nitroaniline	10.475	138	63439	39.526	ng	99
63) Azobenzene	10.610	77	301626	46.162	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	43747	35.481	ng	99
66) n-Nitrosodiphenylamine	10.569	169	282382	48.375	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	103468	44.663	ng	98
68) Hexachlorobenzene	11.004	284	127977	46.901	ng	98
69) Atrazine	11.092	200	84554	45.547	ng	96
70) Pentachlorophenol	11.204	266	110723	81.487	ng	98
71) Phenanthrene	11.422	178	408012	45.152	ng	100
72) Anthracene	11.475	178	420136	45.724	ng	99
73) Carbazole	11.627	167	338386	43.309	ng	100
74) Di-n-butylphthalate	11.957	149	374136	39.610	ng	99
75) Fluoranthene	12.616	202	371201	39.766	ng	99
77) Benzidine	12.739	184	43999	15.190	ng	99
78) Pyrene	12.845	202	366464	46.414	ng	99
80) Butylbenzylphthalate	13.457	149	115129	42.072	ng	98
81) Benzo(a)anthracene	14.033	228	304704	44.896	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	34733	14.930	ng	98
83) Chrysene	14.069	228	294254	46.967	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	152554	40.723	ng	100
85) Di-n-octyl phthalate	14.627	149	294996	45.642	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	475651	46.395	ng	99
88) Benzo(b)fluoranthene	15.092	252	358372	44.137	ng	99
89) Benzo(k)fluoranthene	15.121	252	348517	45.858	ng	99
90) Benzo(a)pyrene	15.463	252	354886	47.377	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	377281	45.823	ng	98
92) Benzo(g,h,i)perylene	17.474	276	381234	46.888	ng	98

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

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Solved By :Sohil
Jrnl 4/2025

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