

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143156.D
 Acq On : 17 Jul 2025 19:07
 Operator : RC/JU
 Sample : PB167904BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167904BS

Quant Time: Jul 18 01:03:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	152550	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	587118	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	301482	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	492650	20.000	ng	0.00
76) Chrysene-d12	14.121	240	266484	20.000	ng	0.00
86) Perylene-d12	15.621	264	298208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1066059	110.587	ng	0.01
7) Phenol-d6	6.587	99	1359834	112.070	ng	0.00
23) Nitrobenzene-d5	7.522	82	933949	79.293	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	383173	123.030	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1623323	73.639	ng	0.00
79) Terphenyl-d14	13.069	244	1404290	78.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.922	88	161288	35.359	ng	100
3) Pyridine	3.663	79	444496	37.544	ng	98
4) n-Nitrosodimethylamine	3.610	42	257226	42.081	ng	97
6) Aniline	6.622	93	620073	36.668	ng	100
8) 2-Chlorophenol	6.745	128	432193	42.771	ng	100
9) Benzaldehyde	6.510	77	320716	35.249	ng	98
10) Phenol	6.598	94	564947m	42.739	ng	
11) bis(2-Chloroethyl)ether	6.693	93	435274	43.007	ng	100
12) 1,3-Dichlorobenzene	6.904	146	457545	41.682	ng	99
13) 1,4-Dichlorobenzene	6.981	146	456036	41.254	ng	99
14) 1,2-Dichlorobenzene	7.134	146	442479	42.085	ng	100
15) Benzyl Alcohol	7.098	79	404750	43.687	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	798794	42.546	ng	100
17) 2-Methylphenol	7.204	107	363387	42.770	ng	99
18) Hexachloroethane	7.481	117	164247	42.919	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	322826	41.470	ng	100
20) 3+4-Methylphenols	7.357	107	444984	43.168	ng	93
22) Acetophenone	7.369	105	589497	42.410	ng	# 98
24) Nitrobenzene	7.540	77	475475	43.299	ng	100
25) Isophorone	7.781	82	895563	43.071	ng	99
26) 2-Nitrophenol	7.857	139	217951	45.732	ng	99
27) 2,4-Dimethylphenol	7.887	122	414161	42.633	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	529787	42.496	ng	100
29) 2,4-Dichlorophenol	8.098	162	350137	42.738	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	373488	42.198	ng	100
31) Naphthalene	8.269	128	1230280	42.548	ng	100
32) Benzoic acid	7.998	122	230524	42.760	ng	99
33) 4-Chloroaniline	8.304	127	272965	23.120	ng	98
34) Hexachlorobutadiene	8.387	225	230153	42.568	ng	99
35) Caprolactam	8.669	113	115991m	46.853	ng	
36) 4-Chloro-3-methylphenol	8.781	107	391449	43.960	ng	99
37) 2-Methylnaphthalene	8.957	142	752372	42.760	ng	100
38) 1-Methylnaphthalene	9.057	142	780624	43.084	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	363131	41.719	ng	99
41) Hexachlorocyclopentadiene	9.116	237	483087	85.298	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	256818	42.632	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	276335	45.859	ng	99
46) 1,1'-Biphenyl	9.422	154	1005145	42.733	ng	100
47) 2-Chloronaphthalene	9.445	162	736404	42.312	ng	100
48) 2-Nitroaniline	9.534	65	250445	45.887	ng	99
49) Acenaphthylene	9.863	152	1257178	43.103	ng	100
50) Dimethylphthalate	9.716	163	867683	44.154	ng	100
51) 2,6-Dinitrotoluene	9.775	165	186927	46.759	ng	99
52) Acenaphthene	10.034	154	797873	46.283	ng	99
53) 3-Nitroaniline	9.939	138	151502	32.400	ng	97
54) 2,4-Dinitrophenol	10.045	184	173409	94.400	ng	# 16
55) Dibenzofuran	10.204	168	1081240	42.245	ng	99
56) 4-Nitrophenol	10.092	139	313283	89.721	ng	99
57) 2,4-Dinitrotoluene	10.181	165	246180	49.084	ng	97
58) Fluorene	10.551	166	816869	42.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	227947	45.667	ng	99
60) Diethylphthalate	10.422	149	856162	44.079	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	411445	43.016	ng	99
62) 4-Nitroaniline	10.557	138	185900	46.388	ng	99
63) Azobenzene	10.698	77	887115	43.822	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	114288	44.675	ng	99
66) n-Nitrosodiphenylamine	10.657	169	742051	42.775	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	256194	43.637	ng	100
68) Hexachlorobenzene	11.098	284	270149	44.023	ng	99
69) Atrazine	11.181	200	220468	46.098	ng	100
70) Pentachlorophenol	11.286	266	323924	89.760	ng	97
71) Phenanthrene	11.510	178	1127430	43.101	ng	100
72) Anthracene	11.563	178	1148719	43.058	ng	100
73) Carbazole	11.710	167	1012746	43.474	ng	100
74) Di-n-butylphthalate	12.045	149	1189417	45.124	ng	100
75) Fluoranthene	12.698	202	1050731	43.763	ng	99
77) Benzidine	12.810	184	507908	49.470	ng	100
78) Pyrene	12.927	202	1045578	45.974	ng	100
80) Butylbenzylphthalate	13.539	149	335472	48.171	ng	99
81) Benzo(a)anthracene	14.110	228	787356	44.131	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	162682	27.359	ng	99
83) Chrysene	14.151	228	750808	46.806	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	497954	47.240	ng	100
85) Di-n-octyl phthalate	14.716	149	883061	46.217	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	942651	44.829	ng	100
88) Benzo(b)fluoranthene	15.180	252	866367	47.556	ng	99
89) Benzo(k)fluoranthene	15.210	252	703769	43.291	ng	99
90) Benzo(a)pyrene	15.563	252	758723	45.203	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	767704	44.855	ng	99
92) Benzo(g,h,i)perylene	17.627	276	737983	44.575	ng	99

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

