

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143212.D
 Acq On : 23 Jul 2025 15:31
 Operator : RC/JU
 Sample : PB168929BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168929BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025

Quant Time: Jul 23 15:57:22 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	127346	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	497233	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	269042	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457175	20.000	ng	0.00
76) Chrysene-d12	14.127	240	257414	20.000	ng	0.00
86) Perylene-d12	15.627	264	259291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	856356	106.415	ng	0.02
7) Phenol-d6	6.593	99	1087717	107.386	ng	0.00
23) Nitrobenzene-d5	7.522	82	776976	77.891	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	327822	117.949	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1397519	71.040	ng	0.00
79) Terphenyl-d14	13.069	244	1360738	78.664	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	127224	33.411	ng	99
3) Pyridine	3.658	79	353529	35.770	ng	98
4) n-Nitrosodimethylamine	3.599	42	208931	40.945	ng	97
6) Aniline	6.628	93	446346	31.618	ng	100
8) 2-Chlorophenol	6.751	128	355572	42.153	ng	97
9) Benzaldehyde	6.510	77	240055	31.606	ng	97
10) Phenol	6.610	94	456674	41.386	ng	89
11) bis(2-Chloroethyl)ether	6.693	93	344126	40.731	ng	100
12) 1,3-Dichlorobenzene	6.904	146	372518	40.653	ng	100
13) 1,4-Dichlorobenzene	6.981	146	377541	40.912	ng	99
14) 1,2-Dichlorobenzene	7.134	146	364259	41.502	ng	100
15) Benzyl Alcohol	7.098	79	331900	42.914	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	639401	40.797	ng	97
17) 2-Methylphenol	7.210	107	298687	42.113	ng	99
18) Hexachloroethane	7.481	117	136455	42.714	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	262936	40.461	ng	98
20) 3+4-Methylphenols	7.363	107	359582	41.787	ng	# 80
22) Acetophenone	7.369	105	482041	40.948	ng	# 96
24) Nitrobenzene	7.540	77	393984	42.364	ng	100
25) Isophorone	7.781	82	738787	41.954	ng	99
26) 2-Nitrophenol	7.857	139	193942	48.051	ng	100
27) 2,4-Dimethylphenol	7.893	122	342191	41.592	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	439929	41.668	ng	99
29) 2,4-Dichlorophenol	8.098	162	295824	42.636	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	318755	42.525	ng	99
31) Naphthalene	8.269	128	1019308	41.625	ng	100
32) Benzoic acid	8.010	122	231444	49.730	ng	99
33) 4-Chloroaniline	8.304	127	180929	18.095	ng	99
34) Hexachlorobutadiene	8.387	225	196852	42.990	ng	99
35) Caprolactam	8.675	113	103126m	49.186	ng	
36) 4-Chloro-3-methylphenol	8.793	107	335805	44.529	ng	98
37) 2-Methylnaphthalene	8.957	142	637504	42.782	ng	100
38) 1-Methylnaphthalene	9.057	142	659370	42.971	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	310898	40.025	ng	99
41) Hexachlorocyclopentadiene	9.116	237	434132	85.897	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	222483	41.386	ng	99

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44) 2,4,5-Trichlorophenol	9.275	196	236559	43.991	ng	99
46) 1,1'-Biphenyl	9.422	154	870859	41.488	ng	100
47) 2-Chloronaphthalene	9.445	162	644057	41.468	ng	99
48) 2-Nitroaniline	9.534	65	222155	45.611	ng	99
49) Acenaphthylene	9.863	152	1097730	42.174	ng	99
50) Dimethylphthalate	9.716	163	772585	44.055	ng	100
51) 2,6-Dinitrotoluene	9.775	165	170575	47.813	ng	99
52) Acenaphthene	10.039	154	703577	45.734	ng	97
53) 3-Nitroaniline	9.945	138	126346	30.278	ng	99
54) 2,4-Dinitrophenol	10.051	184	175905	106.394	ng	# 1
55) Dibenzofuran	10.210	168	946920	41.458	ng	100
56) 4-Nitrophenol	10.104	139	288611	92.622	ng	99
57) 2,4-Dinitrotoluene	10.181	165	230038	51.396	ng	96
58) Fluorene	10.551	166	731345	42.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	183839	41.271	ng	99
60) Diethylphthalate	10.422	149	770778	44.467	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	370456	43.401	ng	100
62) 4-Nitroaniline	10.563	138	172252	48.165	ng	97
63) Azobenzene	10.698	77	767093	42.462	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	117398	48.873	ng	97
66) n-Nitrosodiphenylamine	10.657	169	663950	41.243	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	229335	42.093	ng	98
68) Hexachlorobenzene	11.104	284	237782	41.755	ng	97
69) Atrazine	11.181	200	212724	47.930	ng	100
70) Pentachlorophenol	11.292	266	199919	59.697	ng	99
71) Phenanthrene	11.516	178	1013473	41.750	ng	99
72) Anthracene	11.563	178	1042962	42.127	ng	100
73) Carbazole	11.716	167	936735	43.331	ng	100
74) Di-n-butylphthalate	12.039	149	1158302	47.353	ng	100
75) Fluoranthene	12.698	202	1021601	45.851	ng	99
77) Benzidine	12.810	184	439225	44.288	ng	99
78) Pyrene	12.928	202	997507	45.405	ng	100
80) Butylbenzylphthalate	13.539	149	388473	57.747	ng	98
81) Benzo(a)anthracene	14.116	228	768789	44.609	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	130418	22.706	ng	99
83) Chrysene	14.151	228	667015	43.047	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	509639	50.052	ng	100
85) Di-n-octyl phthalate	14.710	149	801994	43.453	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	801110	43.816	ng	98
88) Benzo(b)fluoranthene	15.180	252	699919	44.186	ng	100
89) Benzo(k)fluoranthene	15.216	252	629517	44.536	ng	99
90) Benzo(a)pyrene	15.563	252	650257	44.555	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	650784	43.731	ng	99
92) Benzo(g,h,i)perylene	17.639	276	645025	44.808	ng	98

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

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