

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025546.D
 Acq On : 22 Aug 2025 12:47
 Operator : CG/JU
 Sample : PB169346BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169346BS

Quant Time: Aug 22 13:04:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	140027	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	571548	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	373176	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	768345	20.000	ng	0.00
76) Chrysene-d12	21.636	240	863932	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1082087	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1055495	125.180	ng	0.00
7) Phenol-d6	6.960	99	1334816	123.476	ng	0.00
23) Nitrobenzene-d5	8.919	82	838088	74.176	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	598848	119.222	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1934692	70.854	ng	-0.02
79) Terphenyl-d14	19.907	244	3282278	69.510	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	113385	34.331	ng	98
3) Pyridine	3.719	79	317548	35.128	ng	93
4) n-Nitrosodimethylamine	3.625	42	166407	44.651	ng	96
6) Aniline	7.107	93	465651	31.970	ng	98
8) 2-Chlorophenol	7.355	128	418373	43.970	ng	97
9) Benzaldehyde	6.925	77	186076	24.568	ng	97
10) Phenol	6.990	94	505169	44.534	ng	99
11) bis(2-Chloroethyl)ether	7.207	93	368281	41.655	ng	98
12) 1,3-Dichlorobenzene	7.672	146	430993	41.079	ng	98
13) 1,4-Dichlorobenzene	7.813	146	439883	41.020	ng	100
14) 1,2-Dichlorobenzene	8.125	146	424788	40.921	ng	99
15) Benzyl Alcohol	8.013	79	365441	42.545	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.290	45	508604	42.943	ng	97
17) 2-Methylphenol	8.213	107	342727	43.503	ng	99
18) Hexachloroethane	8.843	117	163909	41.571	ng	96
19) n-Nitroso-di-n-propyla...	8.566	70	277251	38.719	ng	96
20) 3+4-Methylphenols	8.537	107	467477	42.808	ng	97
22) Acetophenone	8.584	105	588112	41.031	ng	98
24) Nitrobenzene	8.954	77	427551	42.341	ng	99
25) Isophorone	9.478	82	793698	39.693	ng	99
26) 2-Nitrophenol	9.660	139	221665	42.774	ng	98
27) 2,4-Dimethylphenol	9.725	122	388838	43.631	ng	98
28) bis(2-Chloroethoxy)met...	9.954	93	492105	40.714	ng	99
29) 2,4-Dichlorophenol	10.196	162	390957	44.161	ng	97
30) 1,2,4-Trichlorobenzene	10.407	180	383356	39.502	ng	98
31) Naphthalene	10.596	128	1210289	40.742	ng	99
32) Benzoic acid	9.866	122	299090	45.458	ng	97
33) 4-Chloroaniline	10.701	127	267018	20.349	ng	99
34) Hexachlorobutadiene	10.884	225	237838	39.352	ng	98
35) Caprolactam	11.484	113	142483	43.892	ng	97
36) 4-Chloro-3-methylphenol	11.825	107	443662	43.674	ng	99
37) 2-Methylnaphthalene	12.207	142	768470	39.751	ng	100
38) 1-Methylnaphthalene	12.425	142	798081	38.819	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	435667	40.423	ng	98
41) Hexachlorocyclopentadiene	12.554	237	539112	82.811	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	317743	43.669	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	353867	44.375	ng	99
46) 1,1'-Biphenyl	13.213	154	1100271	40.597	ng	99
47) 2-Chloronaphthalene	13.254	162	844118	40.008	ng	100
48) 2-Nitroaniline	13.460	65	289613	47.109	ng	96
49) Acenaphthylene	14.113	152	1463516	41.919	ng	100
50) Dimethylphthalate	13.842	163	1145148	41.905	ng	100
51) 2,6-Dinitrotoluene	13.954	165	252331	43.809	ng	93
52) Acenaphthene	14.466	154	843308	41.151	ng	99
53) 3-Nitroaniline	14.289	138	201909	31.157	ng	99
54) 2,4-Dinitrophenol	14.501	184	333178	108.319	ng	97
55) Dibenzofuran	14.801	168	1324427	40.878	ng	100
56) 4-Nitrophenol	14.619	139	497900	93.500	ng	96
57) 2,4-Dinitrotoluene	14.754	165	370886	45.132	ng	94
58) Fluorene	15.460	166	1061442	41.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	311752	44.275	ng	99
60) Diethylphthalate	15.225	149	1164187	41.926	ng	100
61) 4-Chlorophenyl-phenyle...	15.454	204	516178	40.597	ng	97
62) 4-Nitroaniline	15.478	138	302023	45.462	ng	98
63) Azobenzene	15.754	77	1051445	44.223	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	223305	46.624	ng	93
66) n-Nitrosodiphenylamine	15.666	169	977294	41.711	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	336882	39.866	ng	96
68) Hexachlorobenzene	16.489	284	391710	39.988	ng	99
69) Atrazine	16.648	200	371296	42.315	ng	99
70) Pentachlorophenol	16.842	266	554655	89.698	ng	97
71) Phenanthrene	17.236	178	1754542	41.569	ng	99
72) Anthracene	17.330	178	1796992	41.691	ng	100
73) Carbazole	17.607	167	1783989	43.942	ng	99
74) Di-n-butylphthalate	18.201	149	2139319	42.829	ng	99
75) Fluoranthene	19.324	202	2118741	42.083	ng	99
77) Benzidine	19.507	184	1332025	45.178	ng	99
78) Pyrene	19.695	202	2287831	40.743	ng	100
80) Butylbenzylphthalate	20.636	149	1094178	42.995	ng	100
81) Benzo(a)anthracene	21.618	228	2473020	43.404	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	663257	30.884	ng	100
83) Chrysene	21.683	228	2340594	43.865	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1590453	42.455	ng	99
85) Di-n-octyl phthalate	22.836	149	3046713	47.282	ng	98
87) Indeno(1,2,3-cd)pyrene	28.812	276	3352933	42.252	ng	98
88) Benzo(b)fluoranthene	23.930	252	2788636	43.704	ng	99
89) Benzo(k)fluoranthene	24.007	252	2703191	42.336	ng	99
90) Benzo(a)pyrene	24.836	252	2661591	42.852	ng	99
91) Dibenzo(a,h)anthracene	28.906	278	2720066	41.944	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2698286	42.328	ng	100

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

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