

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025407.D
 Acq On : 15 Aug 2025 00:18
 Operator : CG/JU
 Sample : PB169228BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut
 Upadhyay
 08/15/2025

Quant Time: Aug 15 01:38:22 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	7.790	152	147030	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	606682	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	410001	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	838541	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	848930	20.000	ng	0.00
86) Perylene-d12	25.018	264	946447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1110154	125.391	ng	0.00
7) Phenol-d6	6.972	99	1425501	125.584	ng	0.00
23) Nitrobenzene-d5	8.931	82	911194	75.976	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	707616	128.223	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2196374	73.213	ng	0.00
79) Terphenyl-d14	19.919	244	3590153	77.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	130883	37.741	ng	99
3) Pyridine	3.731	79	324920	34.231	ng	98
4) n-Nitrosodimethylamine	3.637	42	165173	42.209	ng	100
6) Aniline	7.125	93	571326	37.357	ng	99
8) 2-Chlorophenol	7.366	128	455193	45.561	ng	99
9) Benzaldehyde	6.937	77	212043	26.663	ng	97
10) Phenol	6.996	94	551928	46.339	ng	97
11) bis(2-Chloroethyl)ether	7.219	93	390018	42.012	ng	98
12) 1,3-Dichlorobenzene	7.684	146	460503	41.801	ng	99
13) 1,4-Dichlorobenzene	7.825	146	466980	41.472	ng	99
14) 1,2-Dichlorobenzene	8.137	146	456253	41.859	ng	98
15) Benzyl Alcohol	8.025	79	401073	44.470	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.307	45	511027	41.092	ng	100
17) 2-Methylphenol	8.225	107	386767	46.755	ng	100
18) Hexachloroethane	8.860	117	171481	41.420	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	312622	41.580	ng	98
20) 3+4-Methylphenols	8.549	107	528303	46.073	ng	97
22) Acetophenone	8.596	105	658466	43.279	ng	# 98
24) Nitrobenzene	8.972	77	468149	43.677	ng	99
25) Isophorone	9.496	82	915580	43.137	ng	99
26) 2-Nitrophenol	9.672	139	240132	43.654	ng	97
27) 2,4-Dimethylphenol	9.737	122	448325	47.393	ng	98
28) bis(2-Chloroethoxy)met...	9.966	93	546870	42.624	ng	98
29) 2,4-Dichlorophenol	10.207	162	449262	47.808	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	440470	42.758	ng	98
31) Naphthalene	10.607	128	1361279	43.171	ng	99
32) Benzoic acid	9.884	122	336308	48.155	ng	98
33) 4-Chloroaniline	10.707	127	445208	31.964	ng	99
34) Hexachlorobutadiene	10.896	225	272205	42.429	ng	98
35) Caprolactam	11.490	113	162024	47.021	ng	95
36) 4-Chloro-3-methylphenol	11.831	107	511279	47.415	ng	99
37) 2-Methylnaphthalene	12.213	142	895593	43.644	ng	100
38) 1-Methylnaphthalene	12.431	142	932869	42.748	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	506460	42.771	ng	98
41) Hexachlorocyclopentadiene	12.566	237	673801	94.204	ng	98
43) 2,4,6-Trichlorophenol	12.819	196	371415	46.461	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025407.D
 Acq On : 15 Aug 2025 00:18
 Operator : CG/JU
 Sample : PB169228BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut
 Upadhyay
 08/15/2025

Quant Time: Aug 15 01:38:22 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)
44) 2,4,5-Trichlorophenol	12.895	196	416860	47.579	ng	97
46) 1,1'-Biphenyl	13.225	154	1304149	43.798	ng	100
47) 2-Chloronaphthalene	13.266	162	1016595	43.855	ng	99
48) 2-Nitroaniline	13.466	65	314909	46.623	ng	96
49) Acenaphthylene	14.119	152	1706619	44.492	ng	100
50) Dimethylphthalate	13.854	163	1374506	45.780	ng	100
51) 2,6-Dinitrotoluene	13.966	165	301444	47.635	ng	99
52) Acenaphthene	14.466	154	996925	44.278	ng	100
53) 3-Nitroaniline	14.295	138	248427	34.892	ng	95
54) 2,4-Dinitrophenol	14.501	184	370101	109.516	ng	98
55) Dibenzofuran	14.801	168	1572174	44.166	ng	98
56) 4-Nitrophenol	14.619	139	563832	96.372	ng	97
57) 2,4-Dinitrotoluene	14.754	165	433702	48.036	ng	97
58) Fluorene	15.460	166	1231357	43.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	369543	47.768	ng	99
60) Diethylphthalate	15.236	149	1395643	45.748	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	617842	44.228	ng	100
62) 4-Nitroaniline	15.472	138	326180	44.688	ng	97
63) Azobenzene	15.754	77	1182478	45.267	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	256489	49.069	ng	98
66) n-Nitrosodiphenylamine	15.672	169	1141054	44.624	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	406073	44.031	ng	97
68) Hexachlorobenzene	16.483	284	477112	44.629	ng	98
69) Atrazine	16.648	200	436604	45.593	ng	98
70) Pentachlorophenol	16.836	266	647332	95.922	ng	97
71) Phenanthrene	17.236	178	2049033	44.483	ng	100
72) Anthracene	17.330	178	2071926	44.046	ng	100
73) Carbazole	17.607	167	1984094	44.780	ng	99
74) Di-n-butylphthalate	18.201	149	2442996	44.814	ng	100
75) Fluoranthene	19.324	202	2426038	44.153	ng	99
77) Benzidine	19.513	184	1396799	48.212	ng	99
78) Pyrene	19.701	202	2461482	44.610	ng	100
80) Butylbenzylphthalate	20.654	149	1144283	45.758	ng	99
81) Benzo(a)anthracene	21.624	228	2552604	45.593	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	665844	31.552	ng	99
83) Chrysene	21.695	228	2383389	45.457	ng	99
84) Bis(2-ethylhexyl)phtha...	21.571	149	1660300	45.102	ng	100
85) Di-n-octyl phthalate	22.865	149	2881260	45.504	ng	100
87) Indeno(1,2,3-cd)pyrene	28.842	276	3210651m	46.257	ng	
88) Benzo(b)fluoranthene	23.948	252	2645452	47.402	ng	98
89) Benzo(k)fluoranthene	24.007	252	2554212	45.736	ng	99
90) Benzo(a)pyrene	24.848	252	2544632	46.840	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	2636878	46.488	ng	98
92) Benzo(g,h,i)perylene	30.024	276	2572611	46.141	ng	99

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

