

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025415.D
 Acq On : 15 Aug 2025 05:48
 Operator : CG/JU
 Sample : Q2820-17MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMS

Manual Integrations
 APPROVED

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

Quant Time: Aug 15 08:05:21 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	150786	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	605832	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	386320	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	780287	20.000	ng	0.00
76) Chrysene-d12	21.642	240	875377	20.000	ng	0.00
86) Perylene-d12	25.001	264	1000604	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	768113	84.597	ng	0.00
7) Phenol-d6	6.972	99	997741	85.710	ng	0.00
23) Nitrobenzene-d5	8.931	82	621723	51.912	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	441123	84.833	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1406520	49.758	ng	0.00
79) Terphenyl-d14	19.913	244	2185634	45.681	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	127096	35.736	ng	97
3) Pyridine	3.725	79	350548	36.011	ng	97
4) n-Nitrosodimethylamine	3.637	42	171159	42.649	ng	97
6) Aniline	7.125	93	528462	33.694	ng	98
8) 2-Chlorophenol	7.366	128	452389	44.153	ng	98
9) Benzaldehyde	6.943	77	214385	26.286	ng	99
10) Phenol	6.996	94	550261	45.048	ng	96
11) bis(2-Chloroethyl)ether	7.219	93	391840	41.157	ng	99
12) 1,3-Dichlorobenzene	7.684	146	466002	41.247	ng	99
13) 1,4-Dichlorobenzene	7.825	146	475529	41.179	ng	99
14) 1,2-Dichlorobenzene	8.143	146	455238	40.725	ng	98
15) Benzyl Alcohol	8.025	79	400142	43.261	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	524406	41.117	ng	99
17) 2-Methylphenol	8.225	107	379896	44.780	ng	98
18) Hexachloroethane	8.866	117	174455	41.089	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	308676	40.032	ng	97
20) 3+4-Methylphenols	8.549	107	523056	44.480	ng	98
22) Acetophenone	8.607	105	638997	42.059	ng	# 98
24) Nitrobenzene	8.972	77	463016	43.258	ng	99
25) Isophorone	9.502	82	886621	41.831	ng	99
26) 2-Nitrophenol	9.678	139	238745	43.463	ng	98
27) 2,4-Dimethylphenol	9.737	122	434435	45.989	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	540971	42.224	ng	99
29) 2,4-Dichlorophenol	10.207	162	437774	46.651	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	433129	42.105	ng	98
31) Naphthalene	10.613	128	1330005	42.238	ng	99
32) Benzoic acid	9.884	122	311312	44.638	ng	98
33) 4-Chloroaniline	10.713	127	321033	23.081	ng	99
34) Hexachlorobutadiene	10.901	225	274233	42.806	ng	98
35) Caprolactam	11.496	113	149929	43.572	ng	99
36) 4-Chloro-3-methylphenol	11.843	107	491428	45.638	ng	98
37) 2-Methylnaphthalene	12.219	142	871694	42.539	ng	98
38) 1-Methylnaphthalene	12.437	142	902892	41.432	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	495028	44.368	ng	99
41) Hexachlorocyclopentadiene	12.572	237	587000	87.099	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	352250	46.764	ng	98

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44) 2,4,5-Trichlorophenol	12.896	196	390615	47.317	ng	99
46) 1,1'-Biphenyl	13.225	154	1250868	44.583	ng	100
47) 2-Chloronaphthalene	13.272	162	963302	44.103	ng	99
48) 2-Nitroaniline	13.466	65	297760	46.787	ng	99
49) Acenaphthylene	14.119	152	1611999	44.601	ng	99
50) Dimethylphthalate	13.860	163	1254219	44.335	ng	100
51) 2,6-Dinitrotoluene	13.966	165	269670	45.226	ng	91
52) Acenaphthene	14.466	154	949405	44.752	ng	99
53) 3-Nitroaniline	14.295	138	199924	29.801	ng	93
54) 2,4-Dinitrophenol	14.507	184	307887	96.691	ng	98
55) Dibenzofuran	14.801	168	1489789	44.417	ng	99
56) 4-Nitrophenol	14.619	139	513780	93.200	ng	95
57) 2,4-Dinitrotoluene	14.760	165	399936	47.011	ng	100
58) Fluorene	15.460	166	1142677	43.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	334331	45.866	ng	99
60) Diethylphthalate	15.242	149	1293019	44.982	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	558984	42.468	ng	97
62) 4-Nitroaniline	15.472	138	295780	43.007	ng	96
63) Azobenzene	15.754	77	1184564	48.126	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	221973	45.637	ng	99
66) n-Nitrosodiphenylamine	15.678	169	1035094	43.502	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	374274	43.613	ng	98
68) Hexachlorobenzene	16.489	284	432625	43.489	ng	98
69) Atrazine	16.654	200	398840	44.758	ng	98
70) Pentachlorophenol	16.842	266	593177	94.460	ng	98
71) Phenanthrene	17.242	178	1900981	44.349	ng	100
72) Anthracene	17.342	178	1901911	43.450	ng	99
73) Carbazole	17.613	167	1848365	44.831	ng	99
74) Di-n-butylphthalate	18.213	149	2264177	44.635	ng	100
75) Fluoranthene	19.325	202	2274430	44.484	ng	98
77) Benzidine	19.519	184	1279852	42.841	ng	99
78) Pyrene	19.701	202	2376529	41.769	ng	99
80) Butylbenzylphthalate	20.654	149	1141667	44.274	ng	98
81) Benzo(a)anthracene	21.619	228	2561195	44.364	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	558511	25.666	ng	99
83) Chrysene	21.689	228	2409067	44.558	ng	100
84) Bis(2-ethylhexyl)phtha...	21.566	149	1670118	43.998	ng	100
85) Di-n-octyl phthalate	22.854	149	2946897	45.135	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3281639m	44.721	ng	
88) Benzo(b)fluoranthene	23.930	252	2653334	44.970	ng	99
89) Benzo(k)fluoranthene	24.001	252	2664055	45.121	ng	99
90) Benzo(a)pyrene	24.830	252	2562652	44.619	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	2675040	44.609	ng	98
92) Benzo(g,h,i)perylene	30.030	276	2637753	44.748	ng	98

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

