

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026046.D
 Acq On : 30 Oct 2025 17:46
 Operator : RC/JU
 Sample : Q3447-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MS

Quant Time: Oct 30 18:08:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	355642	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1355340	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	781370	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	1416067	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1402802	20.000	ng	0.02
86) Perylene-d12	24.913	264	1588883	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2700648	125.304	ng	0.00
7) Phenol-d6	6.855	99	3073668	112.045	ng	0.00
23) Nitrobenzene-d5	8.819	82	2034789	93.592	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1152678	136.454	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	4811761	88.487	ng	0.00
79) Terphenyl-d14	19.877	244	6697259	96.997	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	325545	35.829	ng	# 60
3) Pyridine	3.637	79	753642	29.178	ng	98
4) n-Nitrosodimethylamine	3.543	42	425468	41.100	ng	97
6) Aniline	7.013	93	595076	16.254	ng	99
8) 2-Chlorophenol	7.255	128	1048411	43.928	ng	98
9) Benzaldehyde	6.831	77	376091	26.373	ng	98
10) Phenol	6.878	94	1132958	37.201	ng	98
11) bis(2-Chloroethyl)ether	7.113	93	987554	41.089	ng	100
12) 1,3-Dichlorobenzene	7.578	146	1076127	39.262	ng	100
13) 1,4-Dichlorobenzene	7.719	146	1113251	40.172	ng	100
14) 1,2-Dichlorobenzene	8.031	146	1072566	40.560	ng	98
15) Benzyl Alcohol	7.913	79	856377	43.303	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1437696	39.579	ng	99
17) 2-Methylphenol	8.113	107	848889	42.567	ng	99
18) Hexachloroethane	8.755	117	375588	39.607	ng	98
19) n-Nitroso-di-n-propyla...	8.478	70	718219	42.177	ng	98
20) 3+4-Methylphenols	8.437	107	1119497	40.352	ng	99
22) Acetophenone	8.490	105	1677309	48.933	ng	# 98
24) Nitrobenzene	8.860	77	1035370	45.104	ng	99
25) Isophorone	9.384	82	2028438	43.589	ng	100
26) 2-Nitrophenol	9.572	139	424722	50.140	ng	95
27) 2,4-Dimethylphenol	9.631	122	965851	49.356	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	1300376	44.340	ng	100
29) 2,4-Dichlorophenol	10.096	162	958410	46.385	ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	1020633	45.446	ng	98
31) Naphthalene	10.502	128	3140553	42.492	ng	100
32) Benzoic acid	9.749	122	565111	47.782	ng	93
33) 4-Chloroaniline	10.602	127	179996	6.338	ng	100
34) Hexachlorobutadiene	10.796	225	613879	43.014	ng	99
35) Caprolactam	11.360	113	239710	33.037	ng	95
36) 4-Chloro-3-methylphenol	11.731	107	957500	44.206	ng	98
37) 2-Methylnaphthalene	12.125	142	2016935	38.990	ng	100
38) 1-Methylnaphthalene	12.337	142	2107713	41.940	ng	98
40) 1,2,4,5-Tetrachloroben...	12.496	216	1249702	51.474	ng	99
41) Hexachlorocyclopentadiene	12.484	237	1181826	133.045	ng	96
43) 2,4,6-Trichlorophenol	12.737	196	734438	51.179	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026046.D
 Acq On : 30 Oct 2025 17:46
 Operator : RC/JU
 Sample : Q3447-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025

Quant Time: Oct 30 18:08:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	804001	49.100	ng	99
46) 1,1'-Biphenyl	13.148	154	3103647	51.874	ng	99
47) 2-Chloronaphthalene	13.184	162	2137466	45.407	ng	99
48) 2-Nitroaniline	13.378	65	529855	43.996	ng	99
49) Acenaphthylene	14.037	152	3545219	51.672	ng	100
50) Dimethylphthalate	13.778	163	2616452	46.035	ng	100
51) 2,6-Dinitrotoluene	13.890	165	523886	49.283	ng	99
52) Acenaphthene	14.384	154	2246432	47.694	ng	99
53) 3-Nitroaniline	14.213	138	223818	19.157	ng	98
54) 2,4-Dinitrophenol	14.419	184	425174	83.488	ng	97
55) Dibenzofuran	14.731	168	3193776	44.879	ng	100
56) 4-Nitrophenol	14.525	139	874116	77.128	ng	99
57) 2,4-Dinitrotoluene	14.678	165	703793	45.329	ng	98
58) Fluorene	15.389	166	2483022	44.536	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	661615	51.389	ng	100
60) Diethylphthalate	15.178	149	2605741	45.604	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1239056	44.503	ng	99
62) 4-Nitroaniline	15.401	138	523698	43.120	ng	98
63) Azobenzene	15.695	77	2358288	45.541	ng	98
65) 4,6-Dinitro-2-methylph...	15.472	198	282864	49.042	ng	96
66) n-Nitrosodiphenylamine	15.607	169	2193065	49.533	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	780898	49.714	ng	98
68) Hexachlorobenzene	16.419	284	867648	48.522	ng	98
69) Atrazine	16.595	200	777308	52.043	ng	98
70) Pentachlorophenol	16.778	266	1091670	99.948	ng	100
71) Phenanthrene	17.184	178	3818161	46.324	ng	100
72) Anthracene	17.278	178	3848400	47.103	ng	100
73) Carbazole	17.560	167	3570117	46.162	ng	100
74) Di-n-butylphthalate	18.166	149	4377760	50.587	ng	100
75) Fluoranthene	19.272	202	4299258	44.716	ng	99
77) Benzidine	19.472	184	506767	14.232	ng	99
78) Pyrene	19.648	202	4477409	47.191	ng	100
80) Butylbenzylphthalate	20.619	149	1740459	49.053	ng	100
81) Benzo(a)anthracene	21.566	228	4568338	47.391	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	671666	21.626	ng	100
83) Chrysene	21.636	228	4347558	47.611	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	2833297	50.001	ng	99
85) Di-n-octyl phthalate	22.819	149	4726358	56.599	ng	99
87) Indeno(1,2,3-cd)pyrene	28.683	276	5950964m	50.732	ng	
88) Benzo(b)fluoranthene	23.854	252	4711061	47.762	ng	100
89) Benzo(k)fluoranthene	23.930	252	4964333	49.286	ng	100
90) Benzo(a)pyrene	24.748	252	4615072	50.929	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	4905244	51.386	ng	100
92) Benzo(g,h,i)perylene	29.871	276	4765670	51.880	ng	99

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

Manual Integrations

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

Abundance

TIC: BP026046.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosophenylamine,
N,N-dimethylnaphthalene-1-amine,
2-Fluorophenol,S
Phenol,d6,S
Benzaldehyde,C
Dis(2-chloroethyl)ether
Aniline
1,4-Dichlorobenzene,C
1,4-Dichlorobenzene,P
Benzonitrile
2,2'-oxybis(1-(2-methylphenyl)-2-propanone),P
Nitrobenzene
Hexachlorocyclopentadiene,P
Isophorone
2-Methylphenol,C
2,4-Dinitrophenol
Dis(2-chloroethyl)ether
2,4-Dichlorobenzene
Naphtalene-d8-1,2,3,4-tetracarboxylic diimide
4-Chloroaniline
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
1-Methylnaphthalene
2,4,6-Trichlorobenzene
2-Chloronaphthalene,1'-Biphenyl
2-Nitroaniline
2,6-Dinitrophenylphthalate
Acenaphthylene
Acenaphthene,C
3-Nitroaniline
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4,6-Dinitro-2-methylphenol
Azobenzene
2,4,6-Trinitrophenol,S
4-Nitrosodiphenylether
Pentachlorophenol,C
Anthracene
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene,C
Pyrene
Butylbenzylphthalate
2,3-Dichlorobenzidine
Chrysene-d12,l
Di-n-octyl phthalate,c
Benzo(a,b)fluorene
Benzo(a,h,i)perylene
Perylene-d12,l
Benzo(a)pyrene,C
Dibenz(a,h)anthracene
Benzo(g,h,i)perylene