

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024947.D
 Acq On : 13 Jun 2025 16:54
 Operator : RC/JU
 Sample : Q2310-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7MS

Quant Time: Jun 13 17:16:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	231023	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	930409	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	587765	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1177292	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1252112	20.000	ng	0.00
86) Perylene-d12	24.748	264	1506101	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1651442	119.321	ng	0.00
7) Phenol-d6	6.819	99	2148879	117.347	ng	0.00
23) Nitrobenzene-d5	8.760	82	1297611	67.771	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1086283	133.677	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2995548	68.656	ng	0.00
79) Terphenyl-d14	19.783	244	4785194	68.494	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	258983	42.527	ng	99
3) Pyridine	3.561	79	668353	45.635	ng	99
4) n-Nitrosodimethylamine	3.472	42	279246	46.638	ng	96
6) Aniline	6.949	93	645905	27.639	ng	100
8) 2-Chlorophenol	7.190	128	876689	55.876	ng	97
9) Benzaldehyde	6.760	77	583409	55.273	ng	98
10) Phenol	6.843	94	1033059	54.723	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	744795	50.162	ng	99
12) 1,3-Dichlorobenzene	7.496	146	901266	51.492	ng	98
13) 1,4-Dichlorobenzene	7.643	146	912626	51.676	ng	99
14) 1,2-Dichlorobenzene	7.955	146	874607	50.432	ng	98
15) Benzyl Alcohol	7.860	79	741388	52.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	895951	46.103	ng	98
17) 2-Methylphenol	8.072	107	701016	53.177	ng	98
18) Hexachloroethane	8.666	117	335183	50.411	ng	96
19) n-Nitroso-di-n-propyla...	8.413	70	594030	47.718	ng	99
20) 3+4-Methylphenols	8.402	107	958910	53.316	ng	98
22) Acetophenone	8.431	105	1207307	51.359	ng	# 97
24) Nitrobenzene	8.802	77	871435	51.231	ng	98
25) Isophorone	9.325	82	1655740	49.896	ng	99
26) 2-Nitrophenol	9.507	139	477824	56.933	ng	96
27) 2,4-Dimethylphenol	9.584	122	806831	56.172	ng	97
28) bis(2-Chloroethoxy)met...	9.802	93	1020172	51.538	ng	99
29) 2,4-Dichlorophenol	10.054	162	825938	59.929	ng	98
30) 1,2,4-Trichlorobenzene	10.249	180	833313	53.607	ng	99
31) Naphthalene	10.431	128	2512447	52.694	ng	100
32) Benzoic acid	9.784	122	571336	58.862	ng	98
33) 4-Chloroaniline	10.560	127	420350	21.043	ng	98
34) Hexachlorobutadiene	10.707	225	508173	54.240	ng	99
35) Caprolactam	11.360	113	278185	54.834	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	892788	56.162	ng	99
37) 2-Methylnaphthalene	12.048	142	1615255	53.407	ng	100
38) 1-Methylnaphthalene	12.272	142	1708288	52.831	ng	100
40) 1,2,4,5-Tetrachloroben...	12.425	216	932284	55.899	ng	99
41) Hexachlorocyclopentadiene	12.395	237	903986	88.865	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	654913	58.472	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	728136	60.703	ng	98
46) 1,1'-Biphenyl	13.072	154	2338362	54.744	ng	98
47) 2-Chloronaphthalene	13.119	162	1795282	54.685	ng	99
48) 2-Nitroaniline	13.337	65	547442	54.240	ng	95
49) Acenaphthylene	13.966	152	2995620	54.726	ng	100
50) Dimethylphthalate	13.713	163	2322485	53.565	ng	100
51) 2,6-Dinitrotoluene	13.842	165	513729	54.961	ng	96
52) Acenaphthene	14.319	154	1718575	54.789	ng	100
53) 3-Nitroaniline	14.184	138	268852	27.716	ng	97
54) 2,4-Dinitrophenol	14.407	184	652692	105.342	ng	92
55) Dibenzofuran	14.660	168	2755708	54.731	ng	100
56) 4-Nitrophenol	14.542	139	854827	102.466	ng	98
57) 2,4-Dinitrotoluene	14.648	165	752635	57.562	ng	96
58) Fluorene	15.319	166	2268894	55.783	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	652338	60.868	ng	95
60) Diethylphthalate	15.101	149	2359504	54.604	ng	100
61) 4-Chlorophenyl-phenyle...	15.319	204	1120451	56.340	ng	96
62) 4-Nitroaniline	15.372	138	504486	57.359	ng	94
63) Azobenzene	15.613	77	2428101	61.268	ng	97
65) 4,6-Dinitro-2-methylph...	15.437	198	430343	55.630	ng	95
66) n-Nitrosodiphenylamine	15.542	169	1980545	54.276	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	751015	56.537	ng	98
68) Hexachlorobenzene	16.354	284	917860	56.997	ng	97
69) Atrazine	16.525	200	748186	56.559	ng	100
70) Pentachlorophenol	16.719	266	1135753	136.272	ng	99
71) Phenanthrene	17.107	178	3512121	53.984	ng	100
72) Anthracene	17.195	178	3646307	55.340	ng	99
73) Carbazole	17.489	167	3382767	55.389	ng	99
74) Di-n-butylphthalate	18.072	149	4270275	56.434	ng	99
75) Fluoranthene	19.189	202	4195856	55.644	ng	100
77) Benzidine	19.395	184	2356265	60.760	ng	99
78) Pyrene	19.572	202	4278319	54.692	ng	100
80) Butylbenzylphthalate	20.519	149	2012293	56.160	ng	92
81) Benzo(a)anthracene	21.466	228	4257137	53.159	ng	99
82) 3,3'-Dichlorobenzidine	21.401	252	1136486	35.746	ng	99
83) Chrysene	21.536	228	4040785	53.252	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2835279	55.229	ng	99
85) Di-n-octyl phthalate	22.636	149	4927189	54.452	ng	98
87) Indeno(1,2,3-cd)pyrene	28.483	276	6262019	56.985	ng	# 91
88) Benzo(b)fluoranthene	23.718	252	4720941	54.771	ng	99
89) Benzo(k)fluoranthene	23.789	252	4586861	52.279	ng	100
90) Benzo(a)pyrene	24.601	252	4548873	54.040	ng	99
91) Dibenzo(a,h)anthracene	28.530	278	5087848	56.882	ng	99
92) Benzo(g,h,i)perylene	29.606	276	4995931	56.293	ng	100

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

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