

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024863.D
 Acq On : 06 Jun 2025 12:33
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 16:00:49 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 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	222586	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	933995	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	604798	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1187838	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1296607	20.000	ng	0.00
86) Perylene-d12	24.730	264	1539603	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	537271	40.291	ng	0.00
7) Phenol-d6	6.814	99	706853	40.063	ng	0.00
23) Nitrobenzene-d5	8.760	82	789724	41.087	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	337588	40.373	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	1834625	40.864	ng	0.00
79) Terphenyl-d14	19.783	244	2972885	41.093	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	116694	19.888	ng	99
3) Pyridine	3.572	79	281621	19.958	ng	98
4) n-Nitrosodimethylamine	3.484	42	113202	19.623	ng	99
6) Aniline	6.955	93	448798	19.932	ng	98
8) 2-Chlorophenol	7.190	128	299518	19.813	ng	99
9) Benzaldehyde	6.772	77	238300m	23.366	ng	
10) Phenol	6.843	94	359664	19.774	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	296876	20.752	ng	99
12) 1,3-Dichlorobenzene	7.502	146	342054	20.283	ng	99
13) 1,4-Dichlorobenzene	7.643	146	341710	20.082	ng	99
14) 1,2-Dichlorobenzene	7.960	146	331251	19.825	ng	99
15) Benzyl Alcohol	7.866	79	263723	19.476	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	383219	20.467	ng	98
17) 2-Methylphenol	8.072	107	253261	19.940	ng	96
18) Hexachloroethane	8.666	117	129276	20.180	ng	96
19) n-Nitroso-di-n-propyla...	8.408	70	246328	20.537	ng	99
20) 3+4-Methylphenols	8.402	107	344513	19.881	ng	97
22) Acetophenone	8.425	105	476927	20.211	ng	98
24) Nitrobenzene	8.802	77	350404	20.521	ng	98
25) Isophorone	9.325	82	676527	20.309	ng	100
26) 2-Nitrophenol	9.513	139	166277	19.736	ng	99
27) 2,4-Dimethylphenol	9.584	122	289730	20.094	ng	99
28) bis(2-Chloroethoxy)met...	9.802	93	409390	20.603	ng	99
29) 2,4-Dichlorophenol	10.060	162	280050	20.242	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	313253	20.074	ng	99
31) Naphthalene	10.431	128	975495	20.381	ng	100
32) Benzoic acid	9.725	122	168675	17.546	ng	97
33) 4-Chloroaniline	10.554	127	406109	20.252	ng	99
34) Hexachlorobutadiene	10.707	225	194310	20.660	ng	99
35) Caprolactam	11.337	113	101727	19.975	ng	98
36) 4-Chloro-3-methylphenol	11.701	107	328233	20.569	ng	98
37) 2-Methylnaphthalene	12.043	142	615339	20.267	ng	99
38) 1-Methylnaphthalene	12.266	142	670212	20.648	ng	97
40) 1,2,4,5-Tetrachloroben...	12.419	216	343533	20.018	ng	100
41) Hexachlorocyclopentadiene	12.390	237	190407	18.191	ng	100
43) 2,4,6-Trichlorophenol	12.684	196	233556	20.265	ng	99

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44) 2,4,5-Trichlorophenol	12.766	196	250294	20.279	ng	99
46) 1,1'-Biphenyl	13.066	154	898074	20.433	ng	99
47) 2-Chloronaphthalene	13.113	162	686558	20.324	ng	100
48) 2-Nitroaniline	13.337	65	208318	20.059	ng	97
49) Acenaphthylene	13.966	152	1144019	20.311	ng	99
50) Dimethylphthalate	13.707	163	908091	20.354	ng	100
51) 2,6-Dinitrotoluene	13.831	165	197073	20.490	ng	98
52) Acenaphthene	14.313	154	658935	20.416	ng	99
53) 3-Nitroaniline	14.172	138	204033	20.442	ng	97
54) 2,4-Dinitrophenol	14.401	184	93544	19.461	ng	97
55) Dibenzofuran	14.654	168	1061912	20.497	ng	99
56) 4-Nitrophenol	14.548	139	128784	19.619	ng	98
57) 2,4-Dinitrotoluene	14.637	165	276443	20.547	ng	99
58) Fluorene	15.319	166	858671	20.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	217510	19.689	ng	99
60) Diethylphthalate	15.090	149	899294	20.225	ng	98
61) 4-Chlorophenyl-phenyle...	15.307	204	416662	20.361	ng	99
62) 4-Nitroaniline	15.360	138	185839	20.523	ng	98
63) Azobenzene	15.607	77	843121	20.675	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	148616	19.041	ng	100
66) n-Nitrosodiphenylamine	15.531	169	751407	20.409	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	268797	20.055	ng	99
68) Hexachlorobenzene	16.342	284	323008	19.880	ng	99
69) Atrazine	16.513	200	274257	20.548	ng	99
70) Pentachlorophenol	16.713	266	155614	18.505	ng	98
71) Phenanthrene	17.095	178	1318071	20.080	ng	100
72) Anthracene	17.184	178	1350106	20.308	ng	100
73) Carbazole	17.478	167	1256103	20.385	ng	100
74) Di-n-butylphthalate	18.066	149	1575537	20.637	ng	99
75) Fluoranthene	19.183	202	1552399	20.404	ng	100
77) Benzidine	19.395	184	867418	21.600	ng	99
78) Pyrene	19.560	202	1634896	20.183	ng	99
80) Butylbenzylphthalate	20.513	149	753875	20.318	ng	99
81) Benzo(a)anthracene	21.466	228	1669395	20.131	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	664556	20.185	ng	100
83) Chrysene	21.530	228	1593419	20.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.401	149	1097129	20.638	ng	99
85) Di-n-octyl phthalate	22.630	149	1865014	19.903	ng	99
87) Indeno(1,2,3-cd)pyrene	28.401	276	2261110	20.129	ng	# 92
88) Benzo(b)fluoranthene	23.695	252	1743865	19.792	ng	98
89) Benzo(k)fluoranthene	23.760	252	1817500	20.264	ng	99
90) Benzo(a)pyrene	24.566	252	1735236	20.166	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	1850432	20.237	ng	99
92) Benzo(g,h,i)perylene	29.530	276	1820845	20.071	ng	97

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

