

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
 Data File : BP025203.D
 Acq On : 21 Jul 2025 19:14
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/22/2025
 Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:26:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	733748	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	3008435	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1899722	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	3857742	20.000	ng	0.01
76) Chrysene-d12	21.336	240	3752201	20.000	ng	0.01
86) Perylene-d12	24.460	264	4584448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	6557069	149.291	ng	0.00
7) Phenol-d6	6.637	99	8210908	151.423	ng	0.00
23) Nitrobenzene-d5	8.572	82	7999353	145.785	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	4276015	151.370	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	17101882	119.181	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	1224318	74.170	ng	100
3) Pyridine	3.490	79	3390800	77.556	ng	99
4) n-Nitrosodimethylamine	3.408	42	1359921	78.815	ng	98
6) Aniline	6.784	93	5470258	77.576	ng	100
8) 2-Chlorophenol	7.008	128	3817569	77.248	ng	99
9) Benzaldehyde	6.596	77	2187532	56.451	ng	99
10) Phenol	6.666	94	4302363	76.687	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	3282232	76.196	ng	99
12) 1,3-Dichlorobenzene	7.325	146	4192818	74.781	ng	99
13) 1,4-Dichlorobenzene	7.466	146	4246480	75.053	ng	100
14) 1,2-Dichlorobenzene	7.778	146	4111863	75.632	ng	100
15) Benzyl Alcohol	7.672	79	3024971	77.828	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	4186533	75.769	ng	99
17) 2-Methylphenol	7.878	107	3006945	77.489	ng	99
18) Hexachloroethane	8.490	117	1488292	77.034	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	2435834	74.535	ng	99
20) 3+4-Methylphenols	8.207	107	4068704	76.765	ng	98
22) Acetophenone	8.243	105	5133884	72.049	ng	# 99
24) Nitrobenzene	8.607	77	3658209	75.229	ng	98
25) Isophorone	9.143	82	7223163	75.163	ng	99
26) 2-Nitrophenol	9.302	139	2240908	81.871	ng	99
27) 2,4-Dimethylphenol	9.378	122	3551153	76.211	ng	98
28) bis(2-Chloroethoxy)met...	9.613	93	4412252	73.133	ng	100
29) 2,4-Dichlorophenol	9.843	162	3685883	77.123	ng	99
30) 1,2,4-Trichlorobenzene	10.043	180	3927729	74.689	ng	100
31) Naphthalene	10.231	128	11319955	72.252	ng	99
32) Benzoic acid	9.590	122	3001596	88.203	ng	99
33) 4-Chloroaniline	10.337	127	5125849	75.351	ng	99
34) Hexachlorobutadiene	10.525	225	2369882	75.041	ng	99
35) Caprolactam	11.154	113	1240976m	78.901	ng	
36) 4-Chloro-3-methylphenol	11.484	107	3678461	77.068	ng	100
37) 2-Methylnaphthalene	11.848	142	7455840	73.577	ng	99
38) 1-Methylnaphthalene	12.078	142	7690366	71.955	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	4340312	75.446	ng	100
41) Hexachlorocyclopentadiene	12.213	237	2895907	88.768	ng	99
43) 2,4,6-Trichlorophenol	12.478	196	3076273	79.138	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
 Data File : BP025203.D
 Acq On : 21 Jul 2025 19:14
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/22/2025
 Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:26:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	3347418	78.125	ng	99
46) 1,1'-Biphenyl	12.895	154	10154378	72.288	ng	99
47) 2-Chloronaphthalene	12.925	162	8143502	74.828	ng	100
48) 2-Nitroaniline	13.143	65	2203215	80.707	ng	98
49) Acenaphthylene	13.801	152	12310461	68.982	ng	94
50) Dimethylphthalate	13.554	163	9992464	72.091	ng	100
51) 2,6-Dinitrotoluene	13.666	165	2352035	80.161	ng	98
52) Acenaphthene	14.148	154	7352873	71.522	ng	99
53) 3-Nitroaniline	13.990	138	2663404	80.451	ng	97
54) 2,4-Dinitrophenol	14.213	184	1560749	94.925	ng	96
55) Dibenzofuran	14.495	168	11781763	70.782	ng	97
56) 4-Nitrophenol	14.325	139	2263623	80.237	ng	98
57) 2,4-Dinitrotoluene	14.478	165	3321462	81.257	ng	99
58) Fluorene	15.160	166	9278378	69.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	2961338	78.074	ng	99
60) Diethylphthalate	14.960	149	9739656	71.116	ng	98
61) 4-Chlorophenyl-phenyle...	15.172	204	4730340	70.690	ng	100
62) 4-Nitroaniline	15.195	138	2685203	79.596	ng	97
63) Azobenzene	15.466	77	8319717	75.626	ng	99
65) 4,6-Dinitro-2-methylph...	15.260	198	2092932	86.660	ng	98
66) n-Nitrosodiphenylamine	15.384	169	8318929	69.242	ng	99
67) 4-Bromophenyl-phenylether	16.078	248	3392847	74.593	ng	99
68) Hexachlorobenzene	16.189	284	3958634	72.885	ng	95
69) Atrazine	16.389	200	3266485	74.592	ng	99
70) Pentachlorophenol	16.560	266	2852574	78.904	ng	99
71) Phenanthrene	16.954	178	14380185	66.900	ng	93
72) Anthracene	17.036	178	13655221	62.578	ng	94
73) Carbazole	17.331	167	13502968	65.036	ng	# 92
74) Di-n-butylphthalate	17.942	149	14237898	58.482	ng	97
75) Fluoranthene	19.048	202	17185754	67.620	ng	94
77) Benzidine	19.254	184	7975723	55.646	ng	100
78) Pyrene	19.425	202	16361302	68.613	ng	# 91
80) Butylbenzylphthalate	20.413	149	8056925	76.566	ng	97
81) Benzo(a)anthracene	21.313	228	16742085	68.598	ng	96
82) 3,3'-Dichlorobenzidine	21.260	252	7248237	72.426	ng	100
83) Chrysene	21.383	228	15614346m	68.604	ng	
84) Bis(2-ethylhexyl)phtha...	21.301	149	10793960	70.360	ng	96
85) Di-n-octyl phthalate	22.513	149	18225919	68.160	ng	98
87) Indeno(1,2,3-cd)pyrene	28.024	276	25989461m	77.120	ng	
88) Benzo(b)fluoranthene	23.501	252	19418416	72.630	ng	99
89) Benzo(k)fluoranthene	23.560	252	18389745	69.278	ng	95
90) Benzo(a)pyrene	24.336	252	19250934	74.177	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	20686577	74.852	ng	100
92) Benzo(g,h,i)perylene	29.112	276	20810607	76.871	ng	99

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

