

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025756.D
 Acq On : 16 Sep 2025 13:31
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Sep 16 13:55:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	131105	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	526142	20.000	ng	0.00
39) Acenaphthene-d10	14.371	164	351438	20.000	ng	0.00
64) Phenanthrene-d10	17.165	188	718838	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	849419	20.000	ng	-0.01
86) Perylene-d12	24.994	264	1092590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	684460	84.239	ng	0.00
7) Phenol-d6	6.942	99	914797	84.704	ng	0.00
23) Nitrobenzene-d5	8.895	82	1001590	83.972	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	366816	83.681	ng	-0.02
45) 2-Fluorobiphenyl	12.983	172	2212449	83.824	ng	0.00
79) Terphenyl-d14	19.907	244	3596085	76.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.301	88	140136	41.093	ng	99
3) Pyridine	3.701	79	385323	41.035	ng	98
4) n-Nitrosodimethylamine	3.607	42	184292	41.592	ng	100
6) Aniline	7.095	93	612049	41.284	ng	99
8) 2-Chlorophenol	7.331	128	369275	41.428	ng	99
9) Benzaldehyde	6.907	77	219587	33.922	ng	99
10) Phenol	6.972	94	478340	42.004	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	378078	41.323	ng	98
12) 1,3-Dichlorobenzene	7.642	146	422028	41.600	ng	98
13) 1,4-Dichlorobenzene	7.790	146	425996	41.223	ng	98
14) 1,2-Dichlorobenzene	8.101	146	410959	40.935	ng	100
15) Benzyl Alcohol	7.995	79	357367	40.044	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	625424	41.800	ng	100
17) 2-Methylphenol	8.195	107	317442	41.346	ng	99
18) Hexachloroethane	8.819	117	162337	41.127	ng	98
19) n-Nitroso-di-n-propyla...	8.548	70	313816	41.660	ng	99
20) 3+4-Methylphenols	8.525	107	430494	40.036	ng	98
22) Acetophenone	8.566	105	598634	42.576	ng	98
24) Nitrobenzene	8.942	77	453338	42.367	ng	98
25) Isophorone	9.466	82	859026	40.974	ng	99
26) 2-Nitrophenol	9.642	139	201989	42.517	ng	98
27) 2,4-Dimethylphenol	9.707	122	358977	43.071	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	513326	42.358	ng	99
29) 2,4-Dichlorophenol	10.183	162	352356	42.402	ng	100
30) 1,2,4-Trichlorobenzene	10.389	180	394666	42.142	ng	99
31) Naphthalene	10.572	128	1173999	41.382	ng	99
32) Benzoic acid	9.860	122	234848	37.900	ng	98
33) 4-Chloroaniline	10.683	127	508349	42.990	ng	99
34) Hexachlorobutadiene	10.854	225	252637	41.905	ng	99
35) Caprolactam	11.472	113	123315	38.496	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	408107	41.193	ng	97
37) 2-Methylnaphthalene	12.178	142	756843	41.536	ng	99
38) 1-Methylnaphthalene	12.401	142	794894	40.909	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	452037	42.447	ng	100
41) Hexachlorocyclopentadiene	12.530	237	246469	42.494	ng	100
43) 2,4,6-Trichlorophenol	12.801	196	300356	42.902	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.883	196	332747	42.706	ng	96
46) 1,1'-Biphenyl	13.195	154	1099251	42.614	ng	99
47) 2-Chloronaphthalene	13.242	162	850202	41.858	ng	99
48) 2-Nitroaniline	13.442	65	284604	42.034	ng	98
49) Acenaphthylene	14.089	152	1401053	41.631	ng	100
50) Dimethylphthalate	13.824	163	1106820	41.251	ng	99
51) 2,6-Dinitrotoluene	13.942	165	240963	42.389	ng	98
52) Acenaphthene	14.436	154	798898	41.163	ng	99
53) 3-Nitroaniline	14.277	138	256866	42.970	ng	100
54) 2,4-Dinitrophenol	14.489	184	135473	39.268	ng	97
55) Dibenzofuran	14.777	168	1287770	40.712	ng	99
56) 4-Nitrophenol	14.613	139	191499	39.598	ng	96
57) 2,4-Dinitrotoluene	14.742	165	345210	42.671	ng	98
58) Fluorene	15.430	166	1053053	41.867	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.007	232	293008	41.746	ng	98
60) Diethylphthalate	15.201	149	1131826	41.586	ng	99
61) 4-Chlorophenyl-phenyle...	15.424	204	526407	41.527	ng	98
62) 4-Nitroaniline	15.460	138	269263	43.968	ng	99
63) Azobenzene	15.724	77	1101551	41.858	ng	99
65) 4,6-Dinitro-2-methylph...	15.519	198	204393	42.755	ng	98
66) n-Nitrosodiphenylamine	15.642	169	939230	42.696	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	332871	42.151	ng	96
68) Hexachlorobenzene	16.460	284	370246	42.042	ng	96
69) Atrazine	16.624	200	358271	42.607	ng	96
70) Pentachlorophenol	16.813	266	241291	41.514	ng	98
71) Phenanthrene	17.213	178	1707073	41.864	ng	100
72) Anthracene	17.313	178	1776813	42.946	ng	100
73) Carbazole	17.589	167	1634488	42.493	ng	100
74) Di-n-butylphthalate	18.177	149	2054365	43.522	ng	99
75) Fluoranthene	19.307	202	2086741	42.670	ng	100
77) Benzidine	19.512	184	1107146	45.249	ng	99
78) Pyrene	19.683	202	2204901	38.902	ng	99
80) Butylbenzylphthalate	20.642	149	1016239	40.893	ng	99
81) Benzo(a)anthracene	21.606	228	2444940	42.044	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	858407	42.691	ng	99
83) Chrysene	21.683	228	2326086	41.961	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1522859	41.885	ng	99
85) Di-n-octyl phthalate	22.818	149	2772371	42.867	ng	100
87) Indeno(1,2,3-cd)pyrene	28.818	276	3605425m	45.377	ng	
88) Benzo(b)fluoranthene	23.924	252	2722681	40.750	ng	99
89) Benzo(k)fluoranthene	24.000	252	2754434	40.400	ng	100
90) Benzo(a)pyrene	24.836	252	2731286	41.743	ng	100
91) Dibenzo(a,h)anthracene	28.894	278	2963251	45.574	ng	99
92) Benzo(g,h,i)perylene	30.006	276	2945150	46.059	ng	100

09/17/2025
 Supervised By :Jagrut
 Upadhyay

09/17/2025

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

