

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025957.D
 Acq On : 08 Oct 2025 17:29
 Operator : RC/JU
 Sample : Q3297-11MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

Quant Time: Oct 08 17:56:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	122231	20.000	ng	0.00
21) Naphthalene-d8	10.496	136	475456	20.000	ng	0.00
39) Acenaphthene-d10	14.342	164	318790	20.000	ng	0.00
64) Phenanthrene-d10	17.142	188	671449	20.000	ng	0.01
76) Chrysene-d12	21.583	240	756006	20.000	ng	0.01
86) Perylene-d12	24.924	264	837911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	740069	98.821	ng	0.00
7) Phenol-d6	6.943	99	992789	100.387	ng	0.00
23) Nitrobenzene-d5	8.878	82	579568	54.556	ng	0.00
42) 2,4,6-Tribromophenol	15.854	330	432627	108.669	ng	0.00
45) 2-Fluorobiphenyl	12.954	172	1278098	53.858	ng	0.00
79) Terphenyl-d14	19.866	244	2413309	57.560	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	130155	41.858	ng	97
3) Pyridine	3.696	79	356127	41.519	ng	94
4) n-Nitrosodimethylamine	3.602	42	172549	43.162	ng	94
6) Aniline	7.072	93	425587	31.466	ng	99
8) 2-Chlorophenol	7.319	128	413092	50.283	ng	98
9) Benzaldehyde	6.896	77	207084	32.076	ng	97
10) Phenol	6.966	94	524445	50.416	ng	98
11) bis(2-Chloroethyl)ether	7.166	93	393661	47.186	ng	95
12) 1,3-Dichlorobenzene	7.625	146	443430	47.432	ng	98
13) 1,4-Dichlorobenzene	7.766	146	452458	47.469	ng	99
14) 1,2-Dichlorobenzene	8.078	146	435498	47.186	ng	99
15) Benzyl Alcohol	7.984	79	389773	47.835	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.243	45	563062	41.777	ng	96
17) 2-Methylphenol	8.190	107	350639	49.928	ng	99
18) Hexachloroethane	8.790	117	171517	47.233	ng	96
19) n-Nitroso-di-n-propyla...	8.531	70	306768	44.867	ng	95
20) 3+4-Methylphenols	8.519	107	469756	48.118	ng	99
22) Acetophenone	8.549	105	683206	54.447	ng	# 98
24) Nitrobenzene	8.919	77	457761	48.118	ng	95
25) Isophorone	9.443	82	869562	46.641	ng	99
26) 2-Nitrophenol	9.619	139	227442	53.064	ng	92
27) 2,4-Dimethylphenol	9.690	122	387776	52.467	ng	98
28) bis(2-Chloroethoxy)met...	9.907	93	526628	48.661	ng	98
29) 2,4-Dichlorophenol	10.184	162	396590	53.267	ng	99
30) 1,2,4-Trichlorobenzene	10.360	180	422430	50.189	ng	99
31) Naphthalene	10.543	128	1211987	47.786	ng	100
32) Benzoic acid	9.901	122	328994m	59.985	ng	
33) 4-Chloroaniline	10.672	127	231362	21.992	ng	98
34) Hexachlorobutadiene	10.819	225	272638	50.086	ng	98
35) Caprolactam	11.478	113	141958	48.281	ng	# 82
36) 4-Chloro-3-methylphenol	11.807	107	458362	51.954	ng	94
37) 2-Methylnaphthalene	12.148	142	791411	48.718	ng	98
38) 1-Methylnaphthalene	12.372	142	826808	47.830	ng	99
40) 1,2,4,5-Tetrachloroben...	12.519	216	550387	57.049	ng	98
41) Hexachlorocyclopentadiene	12.490	237	326602	61.317	ng	99
43) 2,4,6-Trichlorophenol	12.778	196	335544	53.188	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	374150	53.490	ng	96
46) 1,1'-Biphenyl	13.160	154	1268478	54.807	ng	99
47) 2-Chloronaphthalene	13.207	162	904699	49.507	ng	100
48) 2-Nitroaniline	13.431	65	303281	50.331	ng	93
49) Acenaphthylene	14.060	152	1514054	50.203	ng	100
50) Dimethylphthalate	13.795	163	1206341	50.230	ng	100
51) 2,6-Dinitrotoluene	13.919	165	267430	52.310	ng	95
52) Acenaphthene	14.401	154	841037	48.416	ng	100
53) 3-Nitroaniline	14.266	138	185486	34.669	ng	99
54) 2,4-Dinitrophenol	14.484	184	330556	97.437	ng	98
55) Dibenzofuran	14.742	168	1386901	49.014	ng	99
56) 4-Nitrophenol	14.637	139	344660	74.532	ng	95
57) 2,4-Dinitrotoluene	14.731	165	384960	53.148	ng	95
58) Fluorene	15.407	166	1147593	51.044	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.995	232	331938	52.831	ng	96
60) Diethylphthalate	15.172	149	1229151	50.315	ng	98
61) 4-Chlorophenyl-phenyle...	15.389	204	592029	51.872	ng	99
62) 4-Nitroaniline	15.448	138	273332	50.443	ng	96
63) Azobenzene	15.695	77	1238386	52.985	ng	97
65) 4,6-Dinitro-2-methylph...	15.513	198	241031	53.686	ng	89
66) n-Nitrosodiphenylamine	15.619	169	1032847	50.729	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	389535	52.880	ng	97
68) Hexachlorobenzene	16.436	284	430833	52.199	ng	93
69) Atrazine	16.595	200	409421	52.757	ng	97
70) Pentachlorophenol	16.801	266	516148	97.948	ng	99
71) Phenanthrene	17.183	178	1856380	49.352	ng	100
72) Anthracene	17.278	178	1917666	50.183	ng	99
73) Carbazole	17.566	167	1831286	51.930	ng	99
74) Di-n-butylphthalate	18.142	149	2306362	52.998	ng	99
75) Fluoranthene	19.277	202	2299076	51.025	ng	99
77) Benzidine	19.477	184	1342844	61.654	ng	100
78) Pyrene	19.648	202	2390300	47.719	ng	99
80) Butylbenzylphthalate	20.595	149	1107549	50.646	ng	97
81) Benzo(a)anthracene	21.560	228	2535536	49.546	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	566105	31.771	ng	100
83) Chrysene	21.636	228	2393000	48.978	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	1605398	50.494	ng	99
85) Di-n-octyl phthalate	22.748	149	2891763	50.820	ng	97
87) Indeno(1,2,3-cd)pyrene	28.730	276	3091826	51.356	ng	# 78
88) Benzo(b)fluoranthene	23.865	252	2583029	51.251	ng	98
89) Benzo(k)fluoranthene	23.936	252	2655199	51.609	ng	100
90) Benzo(a)pyrene	24.759	252	2501543	50.575	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	2551709	51.713	ng	97
92) Benzo(g,h,i)perylene	29.895	276	2468221	50.850	ng	98

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

