

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064676.D
 Acq On : 3 Nov 2025 17:19
 Operator : RC/JU
 Sample : PB170216BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170216BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 00:43:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	36665	20.000	ng	-0.02
21) Naphthalene-d8	11.034	136	145545	20.000	ng	-0.02
39) Acenaphthene-d10	14.835	164	116501	20.000	ng	0.00
64) Phenanthrene-d10	17.573	188	291857	20.000	ng	0.00
76) Chrysene-d12	21.845	240	341711	20.000	ng	-0.02
86) Perylene-d12	25.182	264	361251	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	252380	115.538	ng	0.00
7) Phenol-d6	7.350	99	364958	121.756	ng	0.00
23) Nitrobenzene-d5	9.377	82	224926	92.821	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	252401	150.108	ng	0.00
45) 2-Fluorobiphenyl	13.460	172	622088	80.937	ng	-0.02
79) Terphenyl-d14	20.158	244	1500788	82.884	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.572	88	26074	26.961	ng	96
3) Pyridine	3.983	79	75607	26.034	ng	98
4) n-Nitrosodimethylamine	3.889	42	55437	35.595	ng	91
6) Aniline	7.520	93	133950	32.841	ng	98
8) 2-Chlorophenol	7.767	128	106934	46.770	ng	96
9) Benzaldehyde	7.332	77	51257	31.323	ng	94
10) Phenol	7.379	94	143612	43.323	ng	97
11) bis(2-Chloroethyl)ether	7.614	93	92364	37.898	ng	91
12) 1,3-Dichlorobenzene	8.096	146	111129	42.229	ng	93
13) 1,4-Dichlorobenzene	8.249	146	112310	41.973	ng	98
14) 1,2-Dichlorobenzene	8.566	146	111179	43.078	ng	97
15) Benzyl Alcohol	8.443	79	104589	42.314	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.736	45	245962	38.474	ng	99
17) 2-Methylphenol	8.642	107	95442	43.365	ng	99
18) Hexachloroethane	9.306	117	39486	42.051	ng	98
19) n-Nitroso-di-n-propyla...	9.013	70	84457	40.770	ng	97
20) 3+4-Methylphenols	8.972	107	129377	41.799	ng	98
22) Acetophenone	9.030	105	182271	45.813	ng	# 99
24) Nitrobenzene	9.418	77	123927	47.020	ng	94
25) Isophorone	9.947	82	230404	39.625	ng	99
26) 2-Nitrophenol	10.135	139	51655	50.613	ng	# 93
27) 2,4-Dimethylphenol	10.188	122	107472	49.689	ng	96
28) bis(2-Chloroethoxy)met...	10.423	93	130953	39.555	ng	99
29) 2,4-Dichlorophenol	10.675	162	114298	49.104	ng	99
30) 1,2,4-Trichlorobenzene	10.893	180	121635	45.992	ng	98
31) Naphthalene	11.087	128	334845	41.495	ng	99
32) Benzoic acid	10.323	122	70788	43.592	ng	98
33) 4-Chloroaniline	11.181	127	69535	22.170	ng	96
34) Hexachlorobutadiene	11.380	225	90080	43.553	ng	98
35) Caprolactam	11.956	113	35975m	40.296	ng	
36) 4-Chloro-3-methylphenol	12.285	107	130812	46.753	ng	97
37) 2-Methylnaphthalene	12.679	142	231452	39.067	ng	99
38) 1-Methylnaphthalene	12.896	142	239296	40.800	ng	100
40) 1,2,4,5-Tetrachloroben...	13.043	216	186832	47.785	ng	99
41) Hexachlorocyclopentadiene	13.026	237	230660	131.068	ng	99
43) 2,4,6-Trichlorophenol	13.272	196	114435	51.168	ng	98

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44) 2,4,5-Trichlorophenol	13.343	196	126231	48.910	ng	98
46) 1,1'-Biphenyl	13.672	154	392423	47.380	ng	97
47) 2-Chloronaphthalene	13.719	162	269956	43.180	ng	99
48) 2-Nitroaniline	13.907	65	99659	47.519	ng	96
49) Acenaphthylene	14.559	152	482102	48.889	ng	98
50) Dimethylphthalate	14.283	163	386687	43.377	ng	100
51) 2,6-Dinitrotoluene	14.395	165	76763	51.908	ng	98
52) Acenaphthene	14.900	154	330536	49.061	ng	98
53) 3-Nitroaniline	14.724	138	56670	36.990	ng	# 98
54) 2,4-Dinitrophenol	14.923	184	106418	115.262	ng	# 38
55) Dibenzofuran	15.229	168	464689	42.663	ng	98
56) 4-Nitrophenol	15.017	139	135990	95.740	ng	93
57) 2,4-Dinitrotoluene	15.176	165	117345	51.368	ng	# 100
58) Fluorene	15.875	166	374710	44.050	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.446	232	133345	54.030	ng	98
60) Diethylphthalate	15.634	149	391543	43.016	ng	98
61) 4-Chlorophenyl-phenyle...	15.863	204	210057	44.003	ng	99
62) 4-Nitroaniline	15.881	138	85132	49.948	ng	94
63) Azobenzene	16.157	77	350545	41.973	ng	97
65) 4,6-Dinitro-2-methylph...	15.940	198	76492	58.254	ng	93
66) n-Nitrosodiphenylamine	16.075	169	344623	43.713	ng	97
67) 4-Bromophenyl-phenylether	16.756	248	155902	45.076	ng	97
68) Hexachlorobenzene	16.880	284	179683	45.539	ng	98
69) Atrazine	17.015	200	160899	47.425	ng	96
70) Pentachlorophenol	17.215	266	246480	100.175	ng	96
71) Phenanthrene	17.614	178	687757	43.091	ng	99
72) Anthracene	17.702	178	699037	43.056	ng	100
73) Carbazole	17.961	167	631308	44.096	ng	100
74) Di-n-butylphthalate	18.519	149	726202	43.865	ng	99
75) Fluoranthene	19.606	202	890769	44.551	ng	99
77) Benzidine	19.776	184	315351	41.191	ng	99
78) Pyrene	19.970	202	926752	41.511	ng	99
80) Butylbenzylphthalate	20.840	149	327559	48.545	ng	95
81) Benzo(a)anthracene	21.827	228	1007500	44.467	ng	99
82) 3,3'-Dichlorobenzidine	21.733	252	257277	34.004	ng	99
83) Chrysene	21.892	228	940484	43.624	ng	98
84) Bis(2-ethylhexyl)phtha...	21.727	149	459648	45.588	ng	99
85) Di-n-octyl phthalate	22.984	149	788440	46.381	ng	99
87) Indeno(1,2,3-cd)pyrene	29.007	276	1196767	45.034	ng	# 70
88) Benzo(b)fluoranthene	24.124	252	999955	45.141	ng	99
89) Benzo(k)fluoranthene	24.195	252	1037592	46.808	ng	96
90) Benzo(a)pyrene	25.023	252	964357	47.360	ng	100
91) Dibenzo(a,h)anthracene	29.077	278	993091	45.998	ng	97
92) Benzo(g,h,i)perylene	30.211	276	961121	46.601	ng	98

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

