

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064090.D
 Acq On : 11 Mar 2025 11:05
 Operator : RC/JU
 Sample : PB167045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167045BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 12:04:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	35149	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	156631	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	105839	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	231322	20.000	ng	0.00
76) Chrysene-d12	21.460	240	228659	20.000	ng	0.00
86) Perylene-d12	24.474	264	253354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	343852	152.751	ng	0.00
7) Phenol-d6	7.036	99	449577	146.810	ng	0.00
23) Nitrobenzene-d5	9.016	82	300235	105.928	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	189294	160.899	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	695845	99.794	ng	0.00
79) Terphenyl-d14	19.850	244	1188109	105.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	35736	35.029	ng	96
3) Pyridine	3.757	79	88569	35.698	ng	98
4) n-Nitrosodimethylamine	3.675	42	74290	41.909	ng	96
6) Aniline	7.189	93	115088	38.300	ng	96
8) 2-Chlorophenol	7.430	128	115882	47.931	ng	98
9) Benzaldehyde	7.001	77	37755	21.199	ng	98
10) Phenol	7.059	94	153793	49.052	ng	98
11) bis(2-Chloroethyl)ether	7.289	93	106887	43.484	ng	97
12) 1,3-Dichlorobenzene	7.753	146	115370	43.455	ng	98
13) 1,4-Dichlorobenzene	7.900	146	116080	42.657	ng	98
14) 1,2-Dichlorobenzene	8.217	146	114535	43.648	ng	97
15) Benzyl Alcohol	8.099	79	116004	49.021	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	248980	45.047	ng	99
17) 2-Methylphenol	8.305	107	101030	48.552	ng	96
18) Hexachloroethane	8.945	117	45111	47.381	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	92403	42.995	ng	94
20) 3+4-Methylphenols	8.628	107	140722	49.122	ng	94
22) Acetophenone	8.681	105	209067	48.683	ng	# 98
24) Nitrobenzene	9.057	77	141396	48.272	ng	96
25) Isophorone	9.580	82	256615	45.234	ng	# 94
26) 2-Nitrophenol	9.768	139	53311	51.700	ng	98
27) 2,4-Dimethylphenol	9.827	122	103318	60.751	ng	95
28) bis(2-Chloroethoxy)met...	10.062	93	149549	43.481	ng	97
29) 2,4-Dichlorophenol	10.297	162	108143	50.358	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	112348	43.337	ng	96
31) Naphthalene	10.702	128	365268	43.247	ng	99
32) Benzoic acid	9.979	122	81135m	51.237	ng	
33) 4-Chloroaniline	10.802	127	48277	15.639	ng	98
34) Hexachlorobutadiene	10.996	225	77613	45.676	ng	98
35) Caprolactam	11.572	113	42087m	51.142	ng	
36) 4-Chloro-3-methylphenol	11.930	107	136157	48.369	ng	97
37) 2-Methylnaphthalene	12.312	142	257561	43.197	ng	98
38) 1-Methylnaphthalene	12.529	142	257773	44.128	ng	97
40) 1,2,4,5-Tetrachloroben...	12.682	216	149759	49.562	ng	95
41) Hexachlorocyclopentadiene	12.665	237	186421	219.205	ng	96
43) 2,4,6-Trichlorophenol	12.917	196	94162	52.875	ng	96

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44) 2,4,5-Trichlorophenol	12.988	196	102251	51.674	ng	97
46) 1,1'-Biphenyl	13.323	154	409959	51.269	ng	98
47) 2-Chloronaphthalene	13.364	162	268651	46.066	ng	98
48) 2-Nitroaniline	13.564	65	100072	51.017	ng	96
49) Acenaphthylene	14.210	152	442698	47.992	ng	98
50) Dimethylphthalate	13.951	163	351651	45.010	ng	98
51) 2,6-Dinitrotoluene	14.057	165	74871	47.290	ng	94
52) Acenaphthene	14.551	154	276415	44.651	ng	98
53) 3-Nitroaniline	14.386	138	37655	24.937	ng	99
54) 2,4-Dinitrophenol	14.592	184	81006	118.385	ng	# 81
55) Dibenzofuran	14.886	168	433372	43.213	ng	98
56) 4-Nitrophenol	14.697	139	144269	113.922	ng	94
57) 2,4-Dinitrotoluene	14.844	165	108349	49.425	ng	# 96
58) Fluorene	15.532	166	350177	44.832	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.109	232	98865m	51.250	ng	
60) Diethylphthalate	15.314	149	375167	44.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.532	204	169734	43.728	ng	94
62) 4-Nitroaniline	15.549	138	76080	46.668	ng	92
63) Azobenzene	15.826	77	380333	42.023	ng	98
65) 4,6-Dinitro-2-methylph...	15.608	198	58600	56.827	ng	97
66) n-Nitrosodiphenylamine	15.743	169	313589	47.892	ng	100
67) 4-Bromophenyl-phenylether	16.425	248	114802	48.457	ng	96
68) Hexachlorobenzene	16.537	284	126378	47.647	ng	99
69) Atrazine	16.695	200	140023	72.680	ng	95
70) Pentachlorophenol	16.877	266	168556	102.351	ng	99
71) Phenanthrene	17.271	178	577796	46.830	ng	99
72) Anthracene	17.359	178	599866	48.894	ng	97
73) Carbazole	17.629	167	539753	47.121	ng	99
74) Di-n-butylphthalate	18.199	149	642600	47.659	ng	100
75) Fluoranthene	19.280	202	665372	44.732	ng	96
77) Benzidine	19.462	184	206839	65.326	ng	99
78) Pyrene	19.639	202	695469	47.183	ng	99
80) Butylbenzylphthalate	20.544	149	279381	50.321	ng	97
81) Benzo(a)anthracene	21.443	228	703612	48.037	ng	97
82) 3,3'-Dichlorobenzidine	21.360	252	146364	30.876	ng	98
83) Chrysene	21.501	228	683180	46.765	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	430154	54.302	ng	99
85) Di-n-octyl phthalate	22.524	149	733449	53.680	ng	100
87) Indeno(1,2,3-cd)pyrene	27.876	276	827376	48.809	ng	# 95
88) Benzo(b)fluoranthene	23.522	252	697874	45.565	ng	97
89) Benzo(k)fluoranthene	23.587	252	689759	44.891	ng	98
90) Benzo(a)pyrene	24.333	252	664876	48.743	ng	98
91) Dibenzo(a,h)anthracene	27.935	278	676519	48.140	ng	99
92) Benzo(g,h,i)perylene	28.940	276	638862	44.277	ng	97

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

