

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064177.D
 Acq On : 3 Apr 2025 22:00
 Operator : RC/JU
 Sample : PB167445BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167445BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:48:22 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	7.860	152	25821	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	125937	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	98883	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	233641	20.000	ng	0.00
76) Chrysene-d12	21.456	240	226061	20.000	ng	0.00
86) Perylene-d12	24.464	264	248435	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	270559	163.612	ng	0.00
7) Phenol-d6	7.031	99	364149	161.871	ng	0.00
23) Nitrobenzene-d5	9.011	82	255847	112.267	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	206822	188.165	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	627187	96.275	ng	-0.01
79) Terphenyl-d14	19.846	244	1192265	106.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	24810	33.105	ng	94
3) Pyridine	3.747	79	72860	39.975	ng	95
4) n-Nitrosodimethylamine	3.665	42	62091	47.680	ng	92
6) Aniline	7.190	93	83309	37.740	ng	98
8) 2-Chlorophenol	7.425	128	107229	60.375	ng	98
9) Benzaldehyde	6.996	77	58446	44.671	ng	99
10) Phenol	7.055	94	134744	58.502	ng	98
11) bis(2-Chloroethyl)ether	7.284	93	88849	49.204	ng	95
12) 1,3-Dichlorobenzene	7.748	146	98616	50.564	ng	97
13) 1,4-Dichlorobenzene	7.895	146	102684	51.366	ng	96
14) 1,2-Dichlorobenzene	8.212	146	100845	52.315	ng	98
15) Benzyl Alcohol	8.095	79	105311	60.579	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.383	45	209700	51.647	ng	99
17) 2-Methylphenol	8.300	107	95051	62.180	ng	94
18) Hexachloroethane	8.935	117	41461	59.279	ng	96
19) n-Nitroso-di-n-propyla...	8.659	70	87820	55.625	ng	99
20) 3+4-Methylphenols	8.624	107	129780	61.668	ng	92
22) Acetophenone	8.676	105	165412	47.905	ng	# 98
24) Nitrobenzene	9.052	77	129449	54.964	ng	98
25) Isophorone	9.575	82	243344	53.349	ng	96
26) 2-Nitrophenol	9.758	139	55286	63.311	ng	# 88
27) 2,4-Dimethylphenol	9.828	122	112297	82.123	ng	93
28) bis(2-Chloroethoxy)met...	10.063	93	138796	50.190	ng	99
29) 2,4-Dichlorophenol	10.298	162	107407	62.205	ng	99
30) 1,2,4-Trichlorobenzene	10.510	180	105417	50.575	ng	98
31) Naphthalene	10.698	128	336418	49.540	ng	98
32) Benzoic acid	9.975	122	76144	58.351	ng	99
33) 4-Chloroaniline	10.803	127	33950	13.678	ng	98
34) Hexachlorobutadiene	10.991	225	73618	53.884	ng	97
35) Caprolactam	11.567	113	40546m	61.277	ng	
36) 4-Chloro-3-methylphenol	11.931	107	141081	62.334	ng	97
37) 2-Methylnaphthalene	12.307	142	231576	48.304	ng	98
38) 1-Methylnaphthalene	12.525	142	247189	52.629	ng	99
40) 1,2,4,5-Tetrachloroben...	12.678	216	135454	47.982	ng	# 96
41) Hexachlorocyclopentadiene	12.660	237	204356	257.197	ng	99
43) 2,4,6-Trichlorophenol	12.913	196	97319	58.492	ng	93

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44) 2,4,5-Trichlorophenol	12.983	196	108443	58.658	ng	95
46) 1,1'-Biphenyl	13.318	154	359382	48.106	ng	98
47) 2-Chloronaphthalene	13.359	162	272398	49.994	ng	100
48) 2-Nitroaniline	13.559	65	114111	60.063	ng	91
49) Acenaphthylene	14.205	152	469864	54.520	ng	100
50) Dimethylphthalate	13.947	163	385448	52.806	ng	99
51) 2,6-Dinitrotoluene	14.058	165	82878	55.410	ng	98
52) Acenaphthene	14.546	154	291418	50.386	ng	96
53) 3-Nitroaniline	14.382	138	32735	23.204	ng	92
54) 2,4-Dinitrophenol	14.593	184	106263	163.036	ng	# 76
55) Dibenzofuran	14.881	168	469221	50.079	ng	99
56) 4-Nitrophenol	14.699	139	148379	125.409	ng	# 85
57) 2,4-Dinitrotoluene	14.846	165	127904	61.489	ng	# 99
58) Fluorene	15.533	166	384652	52.710	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	113015	62.706	ng	96
60) Diethylphthalate	15.310	149	422062	53.263	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	190653	52.573	ng	91
62) 4-Nitroaniline	15.551	138	85723	56.282	ng	# 84
63) Azobenzene	15.821	77	418689	49.515	ng	96
65) 4,6-Dinitro-2-methylph...	15.609	198	78441	72.652	ng	93
66) n-Nitrosodiphenylamine	15.739	169	346290	52.361	ng	99
67) 4-Bromophenyl-phenylether	16.420	248	131008	54.748	ng	91
68) Hexachlorobenzene	16.532	284	141537	52.832	ng	99
69) Atrazine	16.691	200	141539	72.737	ng	97
70) Pentachlorophenol	16.879	266	192704	115.853	ng	99
71) Phenanthrene	17.266	178	646196	51.854	ng	99
72) Anthracene	17.355	178	666325	53.772	ng	98
73) Carbazole	17.625	167	595398	51.463	ng	97
74) Di-n-butylphthalate	18.195	149	732719	53.803	ng	100
75) Fluoranthene	19.276	202	754125	50.196	ng	96
77) Benzidine	19.458	184	205426	65.625	ng	99
78) Pyrene	19.640	202	779241	53.474	ng	99
80) Butylbenzylphthalate	20.533	149	330282	59.461	ng	97
81) Benzo(a)anthracene	21.438	228	796735	55.020	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	130810	27.912	ng	# 96
83) Chrysene	21.503	228	733921	50.816	ng	100
84) Bis(2-ethylhexyl)phtha...	21.367	149	484476	61.863	ng	98
85) Di-n-octyl phthalate	22.507	149	837561	62.004	ng	98
87) Indeno(1,2,3-cd)pyrene	27.860	276	930263	55.965	ng	# 95
88) Benzo(b)fluoranthene	23.518	252	765862	50.994	ng	97
89) Benzo(k)fluoranthene	23.583	252	777187	51.582	ng	98
90) Benzo(a)pyrene	24.329	252	747104	55.856	ng	98
91) Dibenzo(a,h)anthracene	27.924	278	756443	54.892	ng	96
92) Benzo(g,h,i)perylene	28.923	276	738687	52.209	ng	94

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

