

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064170.D
 Acq On : 3 Apr 2025 17:15
 Operator : RC/JU
 Sample : PB167376BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167376BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 18:05:35 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	7.862	152	27960	20.000	ng	# 0.00
21) Naphthalene-d8	10.647	136	133904	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	104622	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	253744	20.000	ng	0.00
76) Chrysene-d12	21.458	240	248572	20.000	ng	0.00
86) Perylene-d12	24.466	264	269225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	267543	149.411	ng	0.00
7) Phenol-d6	7.028	99	359704	147.663	ng	0.00
23) Nitrobenzene-d5	9.014	82	248635	102.611	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	206413	177.491	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	614878	89.208	ng	0.00
79) Terphenyl-d14	19.842	244	1199786	97.596	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	24770	30.523	ng	93
3) Pyridine	3.749	79	70590	35.767	ng	96
4) n-Nitrosodimethylamine	3.661	42	59614	42.276	ng	# 88
6) Aniline	7.186	93	88340	36.957	ng	97
8) 2-Chlorophenol	7.427	128	104209	54.186	ng	95
9) Benzaldehyde	6.998	77	57485	40.575	ng	95
10) Phenol	7.057	94	135365	54.275	ng	98
11) bis(2-Chloroethyl)ether	7.286	93	89445	45.745	ng	96
12) 1,3-Dichlorobenzene	7.750	146	99886	47.297	ng	99
13) 1,4-Dichlorobenzene	7.897	146	103511	47.818	ng	97
14) 1,2-Dichlorobenzene	8.209	146	100900	48.339	ng	99
15) Benzyl Alcohol	8.097	79	103341	54.898	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.385	45	210156m	47.799	ng	
17) 2-Methylphenol	8.303	107	93437	56.448	ng	95
18) Hexachloroethane	8.937	117	40179	53.051	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	82560	48.293	ng	98
20) 3+4-Methylphenols	8.626	107	128552	56.412	ng	94
22) Acetophenone	8.679	105	163158	44.441	ng	# 95
24) Nitrobenzene	9.055	77	123335	49.252	ng	97
25) Isophorone	9.578	82	234056	48.260	ng	96
26) 2-Nitrophenol	9.760	139	54908	59.983	ng	# 92
27) 2,4-Dimethylphenol	9.824	122	106013	72.915	ng	91
28) bis(2-Chloroethoxy)met...	10.059	93	133167	45.289	ng	99
29) 2,4-Dichlorophenol	10.294	162	101331	55.195	ng	97
30) 1,2,4-Trichlorobenzene	10.512	180	104187	47.011	ng	96
31) Naphthalene	10.700	128	336052	46.541	ng	99
32) Benzoic acid	9.971	122	81560m	58.719	ng	
33) 4-Chloroaniline	10.806	127	35846	13.583	ng	96
34) Hexachlorobutadiene	10.988	225	73766	50.780	ng	96
35) Caprolactam	11.569	113	39759m	56.513	ng	
36) 4-Chloro-3-methylphenol	11.934	107	137000	56.929	ng	97
37) 2-Methylnaphthalene	12.304	142	225038	44.148	ng	98
38) 1-Methylnaphthalene	12.527	142	245128	49.085	ng	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	130005	43.525	ng	# 94
41) Hexachlorocyclopentadiene	12.662	237	194806	231.729	ng	94
43) 2,4,6-Trichlorophenol	12.915	196	98672	56.052	ng	95

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44) 2,4,5-Trichlorophenol	12.985	196	106117	54.251	ng	97
46) 1,1'-Biphenyl	13.320	154	360307	45.584	ng	98
47) 2-Chloronaphthalene	13.361	162	264715	45.919	ng	99
48) 2-Nitroaniline	13.555	65	107778	54.739	ng	95
49) Acenaphthylene	14.207	152	466461	51.156	ng	99
50) Dimethylphthalate	13.943	163	373965	48.423	ng	100
51) 2,6-Dinitrotoluene	14.061	165	82324	52.226	ng	96
52) Acenaphthene	14.548	154	284596	46.507	ng	96
53) 3-Nitroaniline	14.384	138	37527	25.142	ng	97
54) 2,4-Dinitrophenol	14.595	184	98791	144.214	ng	# 76
55) Dibenzofuran	14.883	168	453634	45.760	ng	96
56) 4-Nitrophenol	14.701	139	147343	117.703	ng	90
57) 2,4-Dinitrotoluene	14.848	165	126213	57.593	ng	# 99
58) Fluorene	15.529	166	382418	49.529	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.112	232	111852m	58.656	ng	
60) Diethylphthalate	15.312	149	423767	50.545	ng	99
61) 4-Chlorophenyl-phenyle...	15.529	204	186522	48.612	ng	# 87
62) 4-Nitroaniline	15.547	138	87108	54.054	ng	89
63) Azobenzene	15.823	77	418353	46.762	ng	99
65) 4,6-Dinitro-2-methylph...	15.606	198	74227	64.355	ng	93
66) n-Nitrosodiphenylamine	15.741	169	348494	48.520	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	130888	50.365	ng	96
68) Hexachlorobenzene	16.534	284	142137	48.853	ng	98
69) Atrazine	16.693	200	139921	66.209	ng	96
70) Pentachlorophenol	16.881	266	192761	106.706	ng	99
71) Phenanthrene	17.269	178	653436	48.280	ng	98
72) Anthracene	17.357	178	679289	50.475	ng	98
73) Carbazole	17.627	167	614384	48.896	ng	98
74) Di-n-butylphthalate	18.197	149	749181	50.653	ng	100
75) Fluoranthene	19.278	202	756375	46.357	ng	98
77) Benzidine	19.460	184	200166	58.154	ng	99
78) Pyrene	19.636	202	783605	48.904	ng	100
80) Butylbenzylphthalate	20.535	149	334596	55.069	ng	97
81) Benzo(a)anthracene	21.434	228	796877	50.046	ng	99
82) 3,3'-Dichlorobenzidine	21.358	252	146108	28.353	ng	97
83) Chrysene	21.499	228	747304	47.057	ng	99
84) Bis(2-ethylhexyl)phtha...	21.370	149	491136	57.034	ng	99
85) Di-n-octyl phthalate	22.509	149	855705	57.611	ng	99
87) Indeno(1,2,3-cd)pyrene	27.874	276	928667	51.555	ng	# 96
88) Benzo(b)fluoranthene	23.520	252	765183	47.014	ng	99
89) Benzo(k)fluoranthene	23.585	252	788472	48.290	ng	99
90) Benzo(a)pyrene	24.331	252	742012	51.191	ng	95
91) Dibenzo(a,h)anthracene	27.933	278	757065	50.695	ng	98
92) Benzo(g,h,i)perylene	28.925	276	736625	48.043	ng	96

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

