

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064172.D
 Acq On : 3 Apr 2025 18:36
 Operator : RC/JU
 Sample : PB167376BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167376BSD

Quant Time: Apr 04 01:45:14 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

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

04/04/2025

Supervised By :Jagrut

Upadhyay

04/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	28993	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	132732	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	108026	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	247693	20.000	ng	0.00
76) Chrysene-d12	21.455	240	244859	20.000	ng	0.00
86) Perylene-d12	24.464	264	265274	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	268867	144.801	ng	0.00
7) Phenol-d6	7.031	99	366891	145.247	ng	0.00
23) Nitrobenzene-d5	9.011	82	248870	103.615	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	207197	172.551	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	622156	87.420	ng	0.00
79) Terphenyl-d14	19.845	244	1191059	98.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	25655	30.487	ng	98
3) Pyridine	3.747	79	72687	35.517	ng	99
4) n-Nitrosodimethylamine	3.664	42	59325	40.572	ng	100
6) Aniline	7.184	93	90557	36.535	ng	95
8) 2-Chlorophenol	7.425	128	104121	52.211	ng	98
9) Benzaldehyde	6.996	77	57552	39.175	ng	93
10) Phenol	7.055	94	135282	52.309	ng	94
11) bis(2-Chloroethyl)ether	7.284	93	92520	45.631	ng	97
12) 1,3-Dichlorobenzene	7.748	146	101516	46.356	ng	92
13) 1,4-Dichlorobenzene	7.895	146	103412	46.070	ng	97
14) 1,2-Dichlorobenzene	8.206	146	101172	46.742	ng	96
15) Benzyl Alcohol	8.094	79	105681	54.141	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.388	45	210886	46.257	ng	99
17) 2-Methylphenol	8.300	107	94383	54.988	ng	95
18) Hexachloroethane	8.935	117	41877	53.323	ng	94
19) n-Nitroso-di-n-propyla...	8.664	70	84992	47.944	ng	100
20) 3+4-Methylphenols	8.623	107	127285	53.866	ng	92
22) Acetophenone	8.676	105	164977	45.333	ng	# 98
24) Nitrobenzene	9.052	77	126923	51.133	ng	93
25) Isophorone	9.575	82	237603	49.424	ng	97
26) 2-Nitrophenol	9.763	139	55538	60.951	ng	94
27) 2,4-Dimethylphenol	9.828	122	109842	76.216	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	137132	47.049	ng	97
29) 2,4-Dichlorophenol	10.298	162	103540	56.896	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	104996	47.794	ng	99
31) Naphthalene	10.697	128	335806	46.918	ng	99
32) Benzoic acid	9.975	122	78495m	57.264	ng	
33) 4-Chloroaniline	10.803	127	36778	14.059	ng	92
34) Hexachlorobutadiene	10.991	225	74156	51.499	ng	98
35) Caprolactam	11.579	113	39760m	57.013	ng	
36) 4-Chloro-3-methylphenol	11.931	107	141381	59.268	ng	96
37) 2-Methylnaphthalene	12.307	142	231393	45.795	ng	97
38) 1-Methylnaphthalene	12.530	142	245508	49.595	ng	98
40) 1,2,4,5-Tetrachloroben...	12.677	216	134982	43.768	ng	# 97
41) Hexachlorocyclopentadiene	12.660	237	198293	228.444	ng	96
43) 2,4,6-Trichlorophenol	12.912	196	96148	52.897	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	108604	53.773	ng	99
46) 1,1'-Biphenyl	13.318	154	364540	44.666	ng	98
47) 2-Chloronaphthalene	13.359	162	269809	45.328	ng	99
48) 2-Nitroaniline	13.559	65	107439	53.182	ng	99
49) Acenaphthylene	14.205	152	471217	50.049	ng	100
50) Dimethylphthalate	13.946	163	383738	48.122	ng	98
51) 2,6-Dinitrotoluene	14.058	165	81764	50.364	ng	94
52) Acenaphthene	14.546	154	284564	45.036	ng	99
53) 3-Nitroaniline	14.387	138	37493	24.327	ng	92
54) 2,4-Dinitrophenol	14.593	184	102314	144.626	ng	# 81
55) Dibenzofuran	14.887	168	459082	44.850	ng	95
56) 4-Nitrophenol	14.698	139	148844	115.155	ng	# 84
57) 2,4-Dinitrotoluene	14.845	165	125020	55.400	ng	# 99
58) Fluorene	15.533	166	381959	47.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	111402m	56.579	ng	
60) Diethylphthalate	15.310	149	423867	48.964	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	188632	47.613	ng	91
62) 4-Nitroaniline	15.550	138	89271	53.651	ng	90
63) Azobenzene	15.821	77	418171	45.269	ng	96
65) 4,6-Dinitro-2-methylph...	15.609	198	78131	68.754	ng	96
66) n-Nitrosodiphenylamine	15.744	169	346065	49.359	ng	98
67) 4-Bromophenyl-phenylether	16.420	248	130703	51.522	ng	96
68) Hexachlorobenzene	16.538	284	140418	49.441	ng	99
69) Atrazine	16.696	200	140651	68.180	ng	96
70) Pentachlorophenol	16.878	266	187092	106.098	ng	99
71) Phenanthrene	17.266	178	641279	48.540	ng	99
72) Anthracene	17.360	178	663760	50.526	ng	99
73) Carbazole	17.624	167	591064	48.190	ng	99
74) Di-n-butylphthalate	18.194	149	739974	51.253	ng	99
75) Fluoranthene	19.275	202	751778	47.201	ng	97
77) Benzidine	19.458	184	217571	64.169	ng	99
78) Pyrene	19.640	202	766658	48.572	ng	99
80) Butylbenzylphthalate	20.539	149	332606	55.538	ng	96
81) Benzo(a)anthracene	21.438	228	789334	50.324	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	144029	28.373	ng	94
83) Chrysene	21.502	228	752151	48.080	ng	99
84) Bis(2-ethylhexyl)phtha...	21.367	149	487207	57.435	ng	100
85) Di-n-octyl phthalate	22.507	149	840388	57.437	ng	100
87) Indeno(1,2,3-cd)pyrene	27.871	276	901944	50.817	ng	97
88) Benzo(b)fluoranthene	23.518	252	765943	47.762	ng	99
89) Benzo(k)fluoranthene	23.588	252	755150	46.938	ng	98
90) Benzo(a)pyrene	24.328	252	738160	51.684	ng	99
91) Dibenzo(a,h)anthracene	27.924	278	754650	51.286	ng	99
92) Benzo(g,h,i)perylene	28.935	276	725108	47.996	ng	95

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

