

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
 Data File : BP013603.D
 Acq On : 26 Jan 2023 20:02
 Operator : CG/JU
 Sample : PB150420BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

PB150420BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 04:16:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 27 03:27:54 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	254721	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1034270	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	695412	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1550275	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1266932	20.000	ng	0.00
86) Perylene-d12	24.221	264	1011373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1990886	140.059	ng	0.00
7) Phenol-d6	7.305	99	2538241	132.184	ng	0.00
23) Nitrobenzene-d5	9.334	82	1492833	79.310	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1245955	117.681	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3565504	73.227	ng	0.00
79) Terphenyl-d14	20.080	244	5860127	81.622	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	200772	32.035	ng	100
3) Pyridine	3.940	79	515469	28.935	ng	99
4) n-Nitrosodimethylamine	3.846	42	281991	40.502	ng	99
6) Aniline	7.475	93	873335	34.317	ng	99
8) 2-Chlorophenol	7.716	128	724254	47.998	ng	100
9) Benzaldehyde	7.281	77	116776m	8.013	ng	
10) Phenol	7.334	94	924384	45.956	ng	99
11) bis(2-Chloroethyl)ether	7.569	93	713860	42.856	ng	99
12) 1,3-Dichlorobenzene	8.046	146	763006	43.805	ng	99
13) 1,4-Dichlorobenzene	8.193	146	775093	43.883	ng	99
14) 1,2-Dichlorobenzene	8.516	146	750266	45.117	ng	99
15) Benzyl Alcohol	8.393	79	641355	43.013	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.687	45	812590	43.290	ng	99
17) 2-Methylphenol	8.593	107	622116	42.861	ng	99
18) Hexachloroethane	9.252	117	275032	43.465	ng	97
19) n-Nitroso-di-n-propyla...	8.975	70	509095	40.796	ng	98
20) 3+4-Methylphenols	8.928	107	836071	42.033	ng	98
22) Acetophenone	8.987	105	1024255	39.234	ng	99
24) Nitrobenzene	9.375	77	777331	39.459	ng	99
25) Isophorone	9.904	82	1545880	37.493	ng	99
26) 2-Nitrophenol	10.087	139	347635	41.080	ng	96
27) 2,4-Dimethylphenol	10.140	122	639446	40.820	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	931073	39.690	ng	99
29) 2,4-Dichlorophenol	10.628	162	747408	42.398	ng	98
30) 1,2,4-Trichlorobenzene	10.846	180	782871	40.055	ng	97
31) Naphthalene	11.040	128	2026826	38.565	ng	100
32) Benzoic acid	10.293	122	445893	39.046	ng	99
33) 4-Chloroaniline	11.140	127	623625	27.333	ng	97
34) Hexachlorobutadiene	11.322	225	533562	40.602	ng	99
35) Caprolactam	11.934	113	207398m	41.031	ng	
36) 4-Chloro-3-methylphenol	12.251	107	738603	39.522	ng	99
37) 2-Methylnaphthalene	12.634	142	1477610	36.787	ng	100
38) 1-Methylnaphthalene	12.851	142	1400656	37.258	ng	98
40) 1,2,4,5-Tetrachloroben...	12.998	216	957791	39.534	ng	99
41) Hexachlorocyclopentadiene	12.975	237	1031354	82.396	ng	99
43) 2,4,6-Trichlorophenol	13.228	196	649590	40.072	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	674460	35.577	ng	100
46) 1,1'-Biphenyl	13.634	154	1955087	37.728	ng	98
47) 2-Chloronaphthalene	13.675	162	1515790	38.329	ng	99
48) 2-Nitroaniline	13.875	65	320129	34.906	ng	98
49) Acenaphthylene	14.516	152	2401296	36.813	ng	100
50) Dimethylphthalate	14.245	163	1990784	36.856	ng	99
51) 2,6-Dinitrotoluene	14.363	165	406151	37.567	ng	98
52) Acenaphthene	14.857	154	1716934m	41.126	ng	
53) 3-Nitroaniline	14.692	138	334721	33.390	ng	98
54) 2,4-Dinitrophenol	14.898	184	526124	79.267	ng	100
55) Dibenzofuran	15.192	168	2371321	36.267	ng	100
56) 4-Nitrophenol	14.992	139	701544	79.676	ng	98
57) 2,4-Dinitrotoluene	15.151	165	554313	38.227	ng	97
58) Fluorene	15.845	166	1785925	35.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	615141	37.455	ng	100
60) Diethylphthalate	15.610	149	1899544	38.508	ng	99
61) 4-Chlorophenyl-phenylether	15.828	204	1019478	36.108	ng	99
62) 4-Nitroaniline	15.863	138	365596	37.904	ng	98
63) Azobenzene	16.128	77	1793864	35.690	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	315908	37.898	ng	99
66) n-Nitrosodiphenylamine	16.045	169	1645578	38.527	ng	99
67) 4-Bromophenyl-phenylether	16.728	248	705275	39.469	ng	98
68) Hexachlorobenzene	16.845	284	820498	42.008	ng	99
69) Atrazine	16.998	200	581427	44.531	ng	100
70) Pentachlorophenol	17.192	266	1048782	69.093	ng	98
71) Phenanthrene	17.592	178	3093963	38.913	ng	100
72) Anthracene	17.680	178	3065661	38.158	ng	100
73) Carbazole	17.945	167	2784744	38.898	ng	100
74) Di-n-butylphthalate	18.480	149	2782592	42.754	ng	99
75) Fluoranthene	19.539	202	3780349	38.120	ng	100
77) Benzidine	19.710	184	602236	45.339	ng	99
78) Pyrene	19.892	202	3826991	39.031	ng	100
80) Butylbenzylphthalate	20.751	149	528750	40.199	ng	98
81) Benzo(a)anthracene	21.616	228	3381832	37.907	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	914000	41.582	ng	98
83) Chrysene	21.669	228	3134763	37.396	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	851201	42.096	ng	100
85) Di-n-octyl phthalate	22.510	149	1372610	42.956	ng	99
87) Indeno(1,2,3-cd)pyrene	26.962	276	3291227	46.288	ng	99
88) Benzo(b)fluoranthene	23.427	252	3056564	47.074	ng	99
89) Benzo(k)fluoranthene	23.480	252	2910700	45.155	ng	99
90) Benzo(a)pyrene	24.104	252	2582772	42.261	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	2893863	48.912	ng	99
92) Benzo(g,h,i)perylene	27.809	276	2924960	50.210	ng	100

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

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