

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008337.D
 Acq On : 10 Dec 2021 12:45
 Operator : CG/JU
 Sample : PB141245BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

PB141245BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 03:57:12 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 11 03:53:01 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	60708	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	239415	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	159113	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	338733	20.000	ng	0.00
76) Chrysene-d12	21.292	240	373638	20.000	ng	0.00
86) Perylene-d12	23.674	264	397463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	506188	134.251	ng	0.00
7) Phenol-d6	6.952	99	665613	130.772	ng	0.00
23) Nitrobenzene-d5	8.928	82	449439	85.364	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	272397	133.939	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	915805	83.603	ng	0.00
79) Terphenyl-d14	19.757	244	1564422	87.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	61432	34.923	ng	97
3) Pyridine	3.664	79	141609	30.162	ng	94
4) n-Nitrosodimethylamine	3.575	42	91461	46.705	ng	# 97
6) Aniline	7.093	93	200199	33.555	ng	94
8) 2-Chlorophenol	7.334	128	178504	46.248	ng	98
9) Benzaldehyde	6.911	77	37688	10.038	ng	98
10) Phenol	6.981	94	253577	48.481	ng	96
11) bis(2-Chloroethyl)ether	7.193	93	182591	43.675	ng	97
12) 1,3-Dichlorobenzene	7.652	146	189532	42.542	ng	99
13) 1,4-Dichlorobenzene	7.799	146	196360	43.472	ng	97
14) 1,2-Dichlorobenzene	8.111	146	186049	41.416	ng	97
15) Benzyl Alcohol	8.016	79	195947	48.589	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.299	45	287017	45.500	ng	100
17) 2-Methylphenol	8.222	107	160052	47.035	ng	96
18) Hexachloroethane	8.834	117	75069	44.696	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	158307	44.949	ng	99
20) 3+4-Methylphenols	8.558	107	220542	46.961	ng	98
22) Acetophenone	8.593	105	279158	42.628	ng	# 96
24) Nitrobenzene	8.969	77	232229	45.483	ng	99
25) Isophorone	9.499	82	403311	43.785	ng	98
26) 2-Nitrophenol	9.681	139	95109	43.173	ng	93
27) 2,4-Dimethylphenol	9.752	122	166650	50.583	ng	98
28) bis(2-Chloroethoxy)met...	9.981	93	242968	41.388	ng	100
29) 2,4-Dichlorophenol	10.228	162	176790	44.929	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	189729	41.543	ng	96
31) Naphthalene	10.610	128	512609	41.796	ng	100
32) Benzoic acid	9.952	122	111052	41.207	ng	97
33) 4-Chloroaniline	10.740	127	114112	22.427	ng	96
34) Hexachlorobutadiene	10.893	225	132578	42.419	ng	98
35) Caprolactam	11.546	113	57147m	65.381	ng	
36) 4-Chloro-3-methylphenol	11.881	107	208553	46.364	ng	94
37) 2-Methylnaphthalene	12.228	142	376601	43.416	ng	97
38) 1-Methylnaphthalene	12.446	142	348147	41.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	223891	43.318	ng	99
41) Hexachlorocyclopentadiene	12.575	237	180072	90.620	ng	98
43) 2,4,6-Trichlorophenol	12.851	196	149016	42.554	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	164181	43.754	ng	98
46) 1,1'-Biphenyl	13.246	154	476301	41.258	ng	99
47) 2-Chloronaphthalene	13.287	162	384357	42.159	ng	98
48) 2-Nitroaniline	13.504	65	152893	48.667	ng	97
49) Acenaphthylene	14.140	152	596130	42.385	ng	99
50) Dimethylphthalate	13.881	163	507394	42.466	ng	100
51) 2,6-Dinitrotoluene	14.004	165	112274	45.277	ng	96
52) Acenaphthene	14.481	154	354575	42.303	ng	99
53) 3-Nitroaniline	14.340	138	72901	29.009	ng	96
54) 2,4-Dinitrophenol	14.563	184	124448	84.882	ng	92
55) Dibenzofuran	14.816	168	585449	40.874	ng	97
56) 4-Nitrophenol	14.681	139	159819	82.972	ng	83
57) 2,4-Dinitrotoluene	14.804	165	159287	46.807	ng	# 87
58) Fluorene	15.475	166	476049	40.907	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	140859m	42.215	ng	
60) Diethylphthalate	15.251	149	505420	42.627	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	258066	40.429	ng	97
62) 4-Nitroaniline	15.510	138	97633	37.441	ng	88
63) Azobenzene	15.763	77	538758	44.422	ng	98
65) 4,6-Dinitro-2-methylph...	15.575	198	90455	40.827	ng	92
66) n-Nitrosodiphenylamine	15.687	169	422738	43.084	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	163132	43.309	ng	96
68) Hexachlorobenzene	16.487	284	186645	46.356	ng	96
69) Atrazine	16.651	200	172326	67.670	ng	97
70) Pentachlorophenol	16.839	266	198016	82.707	ng	100
71) Phenanthrene	17.222	178	767607	42.920	ng	99
72) Anthracene	17.316	178	788410	44.421	ng	99
73) Carbazole	17.592	167	716987	41.382	ng	100
74) Di-n-butylphthalate	18.151	149	876310	40.404	ng	99
75) Fluoranthene	19.204	202	958010	39.764	ng	98
77) Benzidine	19.392	184	340032	66.344	ng	98
78) Pyrene	19.557	202	989301	41.857	ng	99
80) Butylbenzylphthalate	20.433	149	409086	38.449	ng	95
81) Benzo(a)anthracene	21.275	228	1026853	41.467	ng	99
82) 3,3'-Dichlorobenzidine	21.210	252	277063	23.747	ng	98
83) Chrysene	21.327	228	1003318	42.578	ng	100
84) Bis(2-ethylhexyl)phtha...	21.204	149	602908	37.322	ng	100
85) Di-n-octyl phthalate	22.116	149	1076826	39.240	ng	99
87) Indeno(1,2,3-cd)pyrene	26.168	276	1359693	47.022	ng	97
88) Benzo(b)fluoranthene	22.951	252	1130340	47.174	ng	99
89) Benzo(k)fluoranthene	22.998	252	1067695	45.515	ng	99
90) Benzo(a)pyrene	23.569	252	1088878	53.171	ng	99
91) Dibenzo(a,h)anthracene	26.174	278	1170037	48.722	ng	98
92) Benzo(g,h,i)perylene	26.921	276	1150252	47.478	ng	97

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

