

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008338.D
 Acq On : 10 Dec 2021 13:31
 Operator : CG/JU
 Sample : PB141245BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141245BSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 03:57:38 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	64544	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	251940	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	162476	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	335065	20.000	ng	0.00
76) Chrysene-d12	21.292	240	370968	20.000	ng	0.00
86) Perylene-d12	23.680	264	402853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	549969	137.194	ng	0.00
7) Phenol-d6	6.957	99	704861	130.253	ng	0.00
23) Nitrobenzene-d5	8.928	82	479322	86.514	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	267056	128.595	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	924476	82.648	ng	0.00
79) Terphenyl-d14	19.762	244	1554695	87.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	67767	36.235	ng	97
3) Pyridine	3.663	79	158926	31.839	ng	99
4) n-Nitrosodimethylamine	3.575	42	104063	49.982	ng	# 98
6) Aniline	7.098	93	210553	33.193	ng	93
8) 2-Chlorophenol	7.334	128	190509	46.425	ng	95
9) Benzaldehyde	6.916	77	40035	10.025	ng	95
10) Phenol	6.981	94	271943	48.902	ng	95
11) bis(2-Chloroethyl)ether	7.192	93	200438	45.095	ng	96
12) 1,3-Dichlorobenzene	7.651	146	203671	42.999	ng	98
13) 1,4-Dichlorobenzene	7.798	146	207409	43.189	ng	95
14) 1,2-Dichlorobenzene	8.116	146	197932	41.442	ng	97
15) Benzyl Alcohol	8.016	79	210102	49.003	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.298	45	307514	45.852	ng	100
17) 2-Methylphenol	8.228	107	170549	47.141	ng	97
18) Hexachloroethane	8.839	117	80059	44.834	ng	95
19) n-Nitroso-di-n-propyla...	8.581	70	167596	44.758	ng	98
20) 3+4-Methylphenols	8.557	107	227436	45.550	ng	97
22) Acetophenone	8.592	105	296515	43.028	ng	97
24) Nitrobenzene	8.969	77	249196	46.379	ng	99
25) Isophorone	9.504	82	424871	43.833	ng	98
26) 2-Nitrophenol	9.681	139	100390	43.305	ng	91
27) 2,4-Dimethylphenol	9.757	122	175386	50.588	ng	98
28) bis(2-Chloroethoxy)met...	9.981	93	252267	40.836	ng	100
29) 2,4-Dichlorophenol	10.233	162	184842	44.640	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	200623	41.744	ng	99
31) Naphthalene	10.610	128	538473	41.722	ng	99
32) Benzoic acid	9.957	122	113766	40.115	ng	97
33) 4-Chloroaniline	10.739	127	109253	20.405	ng	95
34) Hexachlorobutadiene	10.898	225	139842	42.518	ng	97
35) Caprolactam	11.545	113	57821	62.864	ng	# 86
36) 4-Chloro-3-methylphenol	11.886	107	215036	45.429	ng	94
37) 2-Methylnaphthalene	12.233	142	389272	42.645	ng	97
38) 1-Methylnaphthalene	12.451	142	357546	40.241	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	227935	43.188	ng	99
41) Hexachlorocyclopentadiene	12.580	237	189896	93.586	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	148751	41.599	ng	97

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44) 2,4,5-Trichlorophenol	12.945	196	161807	42.229	ng	99
46) 1,1'-Biphenyl	13.251	154	482983	40.971	ng	100
47) 2-Chloronaphthalene	13.292	162	390172	41.911	ng	98
48) 2-Nitroaniline	13.510	65	154227	48.075	ng	96
49) Acenaphthylene	14.139	152	608271	42.353	ng	100
50) Dimethylphthalate	13.886	163	507411	41.589	ng	100
51) 2,6-Dinitrotoluene	14.010	165	111709	44.117	ng	95
52) Acenaphthene	14.486	154	355704	41.559	ng	99
53) 3-Nitroaniline	14.345	138	73285	28.559	ng	95
54) 2,4-Dinitrophenol	14.569	184	124540	83.186	ng	88
55) Dibenzofuran	14.822	168	588345	40.226	ng	99
56) 4-Nitrophenol	14.686	139	158725	80.699	ng	# 80
57) 2,4-Dinitrotoluene	14.810	165	157626	45.361	ng	# 85
58) Fluorene	15.474	166	476139	40.068	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	142121m	41.711	ng	
60) Diethylphthalate	15.257	149	504063	41.632	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	257125	39.448	ng	99
62) 4-Nitroaniline	15.516	138	99003	37.180	ng	90
63) Azobenzene	15.763	77	539559	43.567	ng	96
65) 4,6-Dinitro-2-methylph...	15.580	198	86387	39.418	ng	87
66) n-Nitrosodiphenylamine	15.692	169	424685	43.756	ng	100
67) 4-Bromophenyl-phenylether	16.368	248	161100	43.238	ng	97
68) Hexachlorobenzene	16.492	284	182536	45.832	ng	97
69) Atrazine	16.657	200	168614	66.937	ng	97
70) Pentachlorophenol	16.845	266	195930	82.732	ng	98
71) Phenanthrene	17.227	178	760981	43.016	ng	100
72) Anthracene	17.321	178	785181	44.723	ng	99
73) Carbazole	17.598	167	698838	40.776	ng	99
74) Di-n-butylphthalate	18.151	149	855618	39.881	ng	99
75) Fluoranthene	19.209	202	950670	39.891	ng	99
77) Benzidine	19.398	184	334697	65.773	ng	98
78) Pyrene	19.562	202	984866	41.977	ng	100
80) Butylbenzylphthalate	20.439	149	409768	38.790	ng	98
81) Benzo(a)anthracene	21.280	228	1030277	41.905	ng	100
82) 3,3'-Dichlorobenzidine	21.215	252	307787	26.570	ng	99
83) Chrysene	21.333	228	1011332	43.227	ng	100
84) Bis(2-ethylhexyl)phtha...	21.204	149	603548	37.630	ng	99
85) Di-n-octyl phthalate	22.121	149	1094174	40.159	ng	99
87) Indeno(1,2,3-cd)pyrene	26.168	276	1394237	47.572	ng	97
88) Benzo(b)fluoranthene	22.956	252	1156838	47.634	ng	99
89) Benzo(k)fluoranthene	23.003	252	1090362	45.859	ng	99
90) Benzo(a)pyrene	23.574	252	1114652	53.701	ng	98
91) Dibenzo(a,h)anthracene	26.180	278	1193405	49.030	ng	97
92) Benzo(g,h,i)perylene	26.939	276	1177246	47.942	ng	96

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

