

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
 Data File : BP008172.D
 Acq On : 01 Dec 2021 13:40
 Operator : CG/JU
 Sample : PB141094BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141094BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 14:56:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	83074	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	319318	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	214174	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	452871	20.000	ng	0.00
76) Chrysene-d12	21.310	240	476303	20.000	ng	0.00
86) Perylene-d12	23.698	264	505990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	607904	117.821	ng	0.00
7) Phenol-d6	6.981	99	791258	113.604	ng	0.00
23) Nitrobenzene-d5	8.957	82	537401	76.530	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	334662	122.251	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1140395	77.342	ng	0.00
79) Terphenyl-d14	19.774	244	1866619	81.904	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	74060	30.767	ng	97
3) Pyridine	3.693	79	192586	29.976	ng	99
4) n-Nitrosodimethylamine	3.605	42	114970	42.904	ng	97
6) Aniline	7.128	93	329014	40.298	ng	95
8) 2-Chlorophenol	7.369	128	230611	43.662	ng	99
9) Benzaldehyde	6.940	77	143462	36.833	ng	99
10) Phenol	7.010	94	316802	44.262	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	236976	41.423	ng	98
12) 1,3-Dichlorobenzene	7.687	146	249116	40.862	ng	99
13) 1,4-Dichlorobenzene	7.834	146	255692	41.367	ng	97
14) 1,2-Dichlorobenzene	8.152	146	245626	39.957	ng	97
15) Benzyl Alcohol	8.046	79	254513	46.120	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.328	45	349603	40.500	ng	97
17) 2-Methylphenol	8.252	107	206417	44.329	ng	98
18) Hexachloroethane	8.875	117	97229	42.305	ng	96
19) n-Nitroso-di-n-propyla...	8.610	70	194808	40.421	ng	98
20) 3+4-Methylphenols	8.581	107	278329	43.309	ng	98
22) Acetophenone	8.622	105	355648	40.719	ng	99
24) Nitrobenzene	9.004	77	291851	42.857	ng	98
25) Isophorone	9.534	82	515197	41.936	ng	99
26) 2-Nitrophenol	9.710	139	126754	43.140	ng	95
27) 2,4-Dimethylphenol	9.787	122	218369	49.695	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	307057	39.217	ng	99
29) 2,4-Dichlorophenol	10.251	162	235977	44.964	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	254164	41.726	ng	96
31) Naphthalene	10.646	128	669363	40.920	ng	99
32) Benzoic acid	9.963	122	155853	43.359	ng	96
33) 4-Chloroaniline	10.763	127	220531	32.497	ng	97
34) Hexachlorobutadiene	10.934	225	176800	42.413	ng	97
35) Caprolactam	11.569	113	76409m	65.544	ng	
36) 4-Chloro-3-methylphenol	11.904	107	270822	45.142	ng	97
37) 2-Methylnaphthalene	12.263	142	498912	43.124	ng	98
38) 1-Methylnaphthalene	12.481	142	462359	41.057	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	298488	42.904	ng	99
41) Hexachlorocyclopentadiene	12.610	237	309959	115.884	ng	98
43) 2,4,6-Trichlorophenol	12.881	196	202593	42.981	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
 Data File : BP008172.D
 Acq On : 01 Dec 2021 13:40
 Operator : CG/JU
 Sample : PB141094BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141094BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 14:56:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	223084	44.168	ng	99
46) 1,1'-Biphenyl	13.275	154	633144	40.745	ng	98
47) 2-Chloronaphthalene	13.316	162	508328	41.423	ng	99
48) 2-Nitroaniline	13.528	65	191884	45.375	ng	98
49) Acenaphthylene	14.163	152	805587	42.552	ng	100
50) Dimethylphthalate	13.910	163	678247	42.172	ng	99
51) 2,6-Dinitrotoluene	14.028	165	151490	45.386	ng	99
52) Acenaphthene	14.510	154	468390	41.515	ng	99
53) 3-Nitroaniline	14.357	138	114168	33.751	ng	96
54) 2,4-Dinitrophenol	14.575	184	184632	93.556	ng	93
55) Dibenzofuran	14.845	168	772255	40.055	ng	98
56) 4-Nitrophenol	14.686	139	232287	89.592	ng	88
57) 2,4-Dinitrotoluene	14.822	165	207063	45.204	ng	98
58) Fluorene	15.498	166	609302	38.897	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	190785m	42.478	ng	
60) Diethylphthalate	15.275	149	663357	41.564	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	331795	38.616	ng	99
62) 4-Nitroaniline	15.528	138	147657	42.067	ng	93
63) Azobenzene	15.786	77	668496	40.949	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	122198	41.254	ng	94
66) n-Nitrosodiphenylamine	15.710	169	556481	42.420	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	213141	42.325	ng	98
68) Hexachlorobenzene	16.510	284	242747	45.095	ng	98
69) Atrazine	16.675	200	225542	66.246	ng	99
70) Pentachlorophenol	16.863	266	296611	92.664	ng	100
71) Phenanthrene	17.251	178	1005001	42.031	ng	99
72) Anthracene	17.339	178	1035144	43.623	ng	100
73) Carbazole	17.616	167	928588	40.088	ng	99
74) Di-n-butylphthalate	18.169	149	1135616	39.163	ng	100
75) Fluoranthene	19.222	202	1246555	38.700	ng	99
77) Benzidine	19.404	184	765826	117.214	ng	97
78) Pyrene	19.580	202	1287806	42.801	ng	99
80) Butylbenzylphthalate	20.457	149	536247	39.537	ng	98
81) Benzo(a)anthracene	21.292	228	1281090	40.583	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	421476	28.338	ng	99
83) Chrysene	21.345	228	1260465	41.961	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	751311	36.484	ng	99
85) Di-n-octyl phthalate	22.139	149	1367240	39.084	ng	100
87) Indeno(1,2,3-cd)pyrene	26.204	276	1611478	43.777	ng	97
88) Benzo(b)fluoranthene	22.974	252	1384408	45.385	ng	99
89) Benzo(k)fluoranthene	23.021	252	1300969	43.564	ng	99
90) Benzo(a)pyrene	23.598	252	1328525	50.959	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	1379202	45.113	ng	98
92) Benzo(g,h,i)perylene	26.962	276	1372748	44.509	ng	97

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

