

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008470.D
 Acq On : 17 Dec 2021 14:22
 Operator : CG/JU
 Sample : PB141340BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141340BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 18 06:50:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	65774	20.000	ng	0.00
21) Naphthalene-d8	10.522	136	269996	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	180560	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	387357	20.000	ng	0.00
76) Chrysene-d12	21.263	240	403261	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	405521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	559885	134.429	ng	0.00
7) Phenol-d6	6.928	99	736283	131.626	ng	0.00
23) Nitrobenzene-d5	8.893	82	481969	75.625	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	339893	128.094	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1055402	74.304	ng	0.00
79) Terphenyl-d14	19.727	244	1781986	76.907	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	57846	36.085	ng	98
3) Pyridine	3.634	79	134719	26.833	ng	97
4) n-Nitrosodimethylamine	3.546	42	90436	45.642	ng	96
6) Aniline	7.063	93	234523	36.223	ng	96
8) 2-Chlorophenol	7.305	128	201122	47.379	ng	97
9) Benzaldehyde	6.887	77	22133	2.562	ng	98
10) Phenol	6.957	94	279983	49.290	ng	98
11) bis(2-Chloroethyl)ether	7.163	93	195057	41.160	ng	98
12) 1,3-Dichlorobenzene	7.616	146	199814	40.703	ng	99
13) 1,4-Dichlorobenzene	7.763	146	207487	41.532	ng	97
14) 1,2-Dichlorobenzene	8.075	146	198629	41.010	ng	98
15) Benzyl Alcohol	7.987	79	219124	48.699	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.263	45	280708	41.868	ng	98
17) 2-Methylphenol	8.199	107	181423	48.280	ng	98
18) Hexachloroethane	8.793	117	76727	41.399	ng	97
19) n-Nitroso-di-n-propyla...	8.546	70	169155	40.770	ng	99
20) 3+4-Methylphenols	8.528	107	246526	47.632	ng	98
22) Acetophenone	8.563	105	307002	38.664	ng	# 98
24) Nitrobenzene	8.940	77	248702	41.577	ng	96
25) Isophorone	9.469	82	437625	41.036	ng	99
26) 2-Nitrophenol	9.646	139	108571	41.072	ng	96
27) 2,4-Dimethylphenol	9.722	122	191498	50.517	ng	99
28) bis(2-Chloroethoxy)met...	9.946	93	264347	40.100	ng	98
29) 2,4-Dichlorophenol	10.204	162	205229	44.055	ng	99
30) 1,2,4-Trichlorobenzene	10.387	180	212199	38.425	ng	97
31) Naphthalene	10.575	128	576528	40.719	ng	99
32) Benzoic acid	9.951	122	114833	41.322	ng	100
33) 4-Chloroaniline	10.710	127	117630	20.739	ng	98
34) Hexachlorobutadiene	10.851	225	147963	36.653	ng	98
35) Caprolactam	11.534	113	63660m	72.165	ng	
36) 4-Chloro-3-methylphenol	11.857	107	235738	45.288	ng	97
37) 2-Methylnaphthalene	12.193	142	426163	43.671	ng	99
38) 1-Methylnaphthalene	12.410	142	396418	41.726	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	257773	37.368	ng	100
41) Hexachlorocyclopentadiene	12.540	237	148630	78.086	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	172079	39.705	ng	95

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44) 2,4,5-Trichlorophenol	12.916	196	191478	42.361	ng	97
46) 1,1'-Biphenyl	13.210	154	547034	39.213	ng	99
47) 2-Chloronaphthalene	13.257	162	442160	39.739	ng	99
48) 2-Nitroaniline	13.481	65	162627	43.456	ng	99
49) Acenaphthylene	14.104	152	683012	41.757	ng	99
50) Dimethylphthalate	13.851	163	577273	42.227	ng	100
51) 2,6-Dinitrotoluene	13.981	165	128020	44.858	ng	95
52) Acenaphthene	14.445	154	400290	41.144	ng	97
53) 3-Nitroaniline	14.316	138	83852	31.188	ng	97
54) 2,4-Dinitrophenol	14.545	184	154339	103.600	ng	94
55) Dibenzofuran	14.787	168	669058	40.423	ng	99
56) 4-Nitrophenol	14.663	139	161126	103.238	ng	82
57) 2,4-Dinitrotoluene	14.781	165	181192	47.522	ng	# 82
58) Fluorene	15.439	166	546943	42.626	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	169156m	43.812	ng	
60) Diethylphthalate	15.222	149	570378	43.963	ng	99
61) 4-Chlorophenyl-phenyle...	15.434	204	296431	40.432	ng	99
62) 4-Nitroaniline	15.492	138	107805	44.530	ng	93
63) Azobenzene	15.728	77	566280	43.054	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	105129	41.539	ng	98
66) n-Nitrosodiphenylamine	15.657	169	479350	39.304	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	193221	38.298	ng	99
68) Hexachlorobenzene	16.457	284	221203	39.811	ng	93
69) Atrazine	16.622	200	188446	70.140	ng	98
70) Pentachlorophenol	16.816	266	240462	96.837	ng	99
71) Phenanthrene	17.192	178	864142	41.183	ng	99
72) Anthracene	17.286	178	887275	42.860	ng	99
73) Carbazole	17.569	167	780892	41.220	ng	100
74) Di-n-butylphthalate	18.116	149	956628	44.014	ng	99
75) Fluoranthene	19.174	202	1058880	44.698	ng	98
77) Benzidine	19.363	184	333045	81.420	ng	96
78) Pyrene	19.527	202	1088177	37.716	ng	100
80) Butylbenzylphthalate	20.404	149	436321	41.537	ng	97
81) Benzo(a)anthracene	21.245	228	1099249	40.674	ng	98
82) 3,3'-Dichlorobenzidine	21.180	252	307710	24.746	ng	97
83) Chrysene	21.298	228	1087065	42.110	ng	99
84) Bis(2-ethylhexyl)phtha...	21.169	149	640681	43.318	ng	# 98
85) Di-n-octyl phthalate	22.074	149	1137036	44.574	ng	99
87) Indeno(1,2,3-cd)pyrene	26.104	276	1226180	38.413	ng	96
88) Benzo(b)fluoranthene	22.910	252	1167843	47.874	ng	99
89) Benzo(k)fluoranthene	22.957	252	1102314	44.810	ng	98
90) Benzo(a)pyrene	23.521	252	1100253	51.966	ng	99
91) Dibenzo(a,h)anthracene	26.109	278	1057184	39.563	ng	97
92) Benzo(g,h,i)perylene	26.856	276	995725	37.630	ng	96

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

