

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007816.D
 Acq On : 03 Nov 2021 10:58
 Operator : CG/JU
 Sample : PB140379BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140379BS

Quant Time: Nov 03 11:29:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
 Supervised By :mohammad ahmed 11/08/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	207015	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	940159	20.00	ng	0.00
39) Acenaphthene-d10	14.563	164	674355	20.00	ng	0.00
64) Phenanthrene-d10	17.316	188	1487155	20.00	ng	0.00
76) Chrysene-d12	21.410	240	1647988	20.00	ng	0.00
86) Perylene-d12	23.851	264	1829868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1660064	136.00	ng	0.00
7) Phenol-d6	7.099	99	2210810	125.13	ng	0.00
23) Nitrobenzene-d5	9.087	82	1310957	74.90	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1134904	117.92	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3332596	71.97	ng	0.00
79) Terphenyl-d14	19.880	244	6017814	74.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	127320	29.19	ng	98
3) Pyridine	3.787	79	333003m	24.59	ng	
4) n-Nitrosodimethylamine	3.699	42	219515	37.90	ng	# 95
6) Aniline	7.252	93	857991	43.11	ng	99
8) 2-Chlorophenol	7.487	128	642065	47.73	ng	99
9) Benzaldehyde	7.057	77	343399	35.74	ng	98
10) Phenol	7.122	94	828356	49.10	ng	97
11) bis(2-Chloroethyl)ether	7.346	93	558345	41.46	ng	97
12) 1,3-Dichlorobenzene	7.810	146	590865	39.50	ng	100
13) 1,4-Dichlorobenzene	7.957	146	604928	39.57	ng	99
14) 1,2-Dichlorobenzene	8.275	146	595781	40.33	ng	99
15) Benzyl Alcohol	8.163	79	612323	45.78	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	679890	43.07	ng	98
17) 2-Methylphenol	8.375	107	573230	49.13	ng	98
18) Hexachloroethane	9.004	117	217724	41.19	ng	95
19) n-Nitroso-di-n-propyla...	8.740	70	455629	42.14	ng	95
20) 3+4-Methylphenols	8.704	107	784361	47.79	ng	99
22) Acetophenone	8.746	105	912244	38.51	ng	98
24) Nitrobenzene	9.128	77	677419	40.67	ng	96
25) Isophorone	9.663	82	1277620	40.17	ng	98
26) 2-Nitrophenol	9.840	139	344521	40.85	ng	96
27) 2,4-Dimethylphenol	9.904	122	643574	49.65	ng	98
28) bis(2-Chloroethoxy)met...	10.140	93	822355	39.18	ng	99
29) 2,4-Dichlorophenol	10.375	162	702786	45.10	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	655733	37.83	ng	97
31) Naphthalene	10.775	128	1848103	38.86	ng	99
32) Benzoic acid	10.069	122	490482	43.90	ng	97
33) 4-Chloroaniline	10.887	127	639603	30.53	ng	99
34) Hexachlorobutadiene	11.069	225	416988	36.64	ng	99
35) Caprolactam	11.687	113	242943m	44.66	ng	
36) 4-Chloro-3-methylphenol	12.016	107	779242	44.26	ng	97
37) 2-Methylnaphthalene	12.387	142	1454004	41.45	ng	99
38) 1-Methylnaphthalene	12.604	142	1357875	39.51	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	808244	38.23	ng	100
41) Hexachlorocyclopentadiene	12.745	237	1049532	92.70	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	596716	40.41	ng	98

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44) 2,4,5-Trichlorophenol	13.069	196	667512	41.73	ng	98
46) 1,1'-Biphenyl	13.398	154	1847066	37.94	ng	98
47) 2-Chloronaphthalene	13.440	162	1469904	38.85	ng	100
48) 2-Nitroaniline	13.639	65	468246	43.01	ng	96
49) Acenaphthylene	14.287	152	2431325	40.92	ng	99
50) Dimethylphthalate	14.028	163	2084089	40.04	ng	99
51) 2,6-Dinitrotoluene	14.139	165	462473	42.96	ng	94
52) Acenaphthene	14.628	154	1437677	40.06	ng	98
53) 3-Nitroaniline	14.469	138	395014	34.40	ng	# 93
54) 2,4-Dinitrophenol	14.675	184	588350	88.91	ng	90
55) Dibenzofuran	14.963	168	2370527	39.05	ng	99
56) 4-Nitrophenol	14.786	139	836749	85.79	ng	95
57) 2,4-Dinitrotoluene	14.928	165	663867	44.80	ng	91
58) Fluorene	15.616	166	1889052	41.02	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	596603m	41.44	ng	
60) Diethylphthalate	15.392	149	2113768	41.83	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	991725	39.43	ng	97
62) 4-Nitroaniline	15.639	138	492974	42.27	ng	95
63) Azobenzene	15.904	77	1797496	42.15	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	380089	39.03	ng	91
66) n-Nitrosodiphenylamine	15.828	169	1750489	41.35	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	661061	40.15	ng	98
68) Hexachlorobenzene	16.628	284	746418	40.63	ng	94
69) Atrazine	16.786	200	697942	43.05	ng	99
70) Pentachlorophenol	16.969	266	998009	84.46	ng	97
71) Phenanthrene	17.363	178	3104917	39.72	ng	100
72) Anthracene	17.451	178	3155690	41.02	ng	100
73) Carbazole	17.722	167	2965090	38.77	ng	99
74) Di-n-butylphthalate	18.280	149	3583245	41.14	ng	100
75) Fluoranthene	19.327	202	4019402	40.76	ng	98
77) Benzidine	19.504	184	2207823	53.16	ng	98
78) Pyrene	19.680	202	4157456	41.13	ng	99
80) Butylbenzylphthalate	20.557	149	1776956	41.83	ng	99
81) Benzo(a)anthracene	21.398	228	4309024	39.69	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	1395813	38.29	ng	98
83) Chrysene	21.451	228	4162162	40.50	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2579459	42.34	ng	100
85) Di-n-octyl phthalate	22.263	149	4760651	43.44	ng	97
87) Indeno(1,2,3-cd)pyrene	26.404	276	5583886	40.94	ng	96
88) Benzo(b)fluoranthene	23.110	252	4945867	45.85	ng	98
89) Benzo(k)fluoranthene	23.157	252	4480198	41.85	ng	98
90) Benzo(a)pyrene	23.745	252	4678649	50.09	ng	98
91) Dibenzo(a,h)anthracene	26.421	278	4759346	42.10	ng	98
92) Benzo(g,h,i)perylene	27.192	276	4683288	41.76	ng	97

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

