

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133651.D
 Acq On : 08 Jun 2023 20:20
 Operator : CG\JU
 Sample : PB153261BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 06/09/2023

Supervised By :mohammad
 ahmed
 06/13/2023

Quant Time: Jun 09 01:48:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	126002	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	434421	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	187805	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	342040	20.000	ng	0.00
76) Chrysene-d12	14.021	240	169514	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	145899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	854813	113.191	ng	0.02
7) Phenol-d6	6.481	99	1010884	108.737	ng	0.01
23) Nitrobenzene-d5	7.410	82	646194	99.317	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	246193	131.508	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1078372	88.624	ng	0.00
79) Terphenyl-d14	12.962	244	1018245	106.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	108653	31.856	ng	99
3) Pyridine	3.398	79	302824	31.666	ng	97
4) n-Nitrosodimethylamine	3.351	42	206487	39.592	ng	98
6) Aniline	6.504	93	422353	33.460	ng	100
8) 2-Chlorophenol	6.628	128	334344	44.931	ng	95
9) Benzaldehyde	6.392	77	206887	45.961	ng	99
10) Phenol	6.492	94	391785	42.010	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	322458	41.820	ng	97
12) 1,3-Dichlorobenzene	6.781	146	349386	42.292	ng	98
13) 1,4-Dichlorobenzene	6.857	146	357043	43.109	ng	99
14) 1,2-Dichlorobenzene	7.010	146	337237	44.124	ng	98
15) Benzyl Alcohol	6.986	79	292347	41.421	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	556312	38.040	ng	96
17) 2-Methylphenol	7.098	107	269366	38.225	ng	98
18) Hexachloroethane	7.351	117	95129	33.216	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	229405	38.139	ng	100
20) 3+4-Methylphenols	7.251	107	315273	39.573	ng	# 84
22) Acetophenone	7.257	105	434924	43.474	ng	# 94
24) Nitrobenzene	7.428	77	340920	49.176	ng	99
25) Isophorone	7.663	82	628120	41.423	ng	99
26) 2-Nitrophenol	7.739	139	119349	38.600	ng	97
27) 2,4-Dimethylphenol	7.780	122	276100	42.794	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	369217	41.990	ng	99
29) 2,4-Dichlorophenol	7.986	162	253190	43.618	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	272787	43.447	ng	97
31) Naphthalene	8.151	128	858268	40.751	ng	99
32) Benzoic acid	7.886	122	155243m	38.285	ng	
33) 4-Chloroaniline	8.198	127	265502	29.413	ng	96
34) Hexachlorobutadiene	8.263	225	173513	45.432	ng	100
35) Caprolactam	8.575	113	82352m	43.259	ng	
36) 4-Chloro-3-methylphenol	8.675	107	268188	41.245	ng	99
37) 2-Methylnaphthalene	8.839	142	543900	37.824	ng	98
38) 1-Methylnaphthalene	8.939	142	507173	37.836	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	254438	45.710	ng	99
41) Hexachlorocyclopentadiene	8.986	237	54440	19.085	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	163593	45.930	ng	98

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44) 2,4,5-Trichlorophenol	9.157	196	171546	41.495	ng	98
46) 1,1'-Biphenyl	9.304	154	671357	43.999	ng	100
47) 2-Chloronaphthalene	9.327	162	481575	43.549	ng	98
48) 2-Nitroaniline	9.427	65	187111	52.311	ng	94
49) Acenaphthylene	9.745	152	769365	40.769	ng	99
50) Dimethylphthalate	9.604	163	609703	46.191	ng	100
51) 2,6-Dinitrotoluene	9.669	165	105991	42.675	ng	84
52) Acenaphthene	9.916	154	457084	39.985	ng	99
53) 3-Nitroaniline	9.839	138	162965	51.545	ng	# 93
54) 2,4-Dinitrophenol	9.939	184	9932	16.449	ng	98
55) Dibenzofuran	10.086	168	684615	40.255	ng	98
56) 4-Nitrophenol	9.998	139	190689	84.439	ng	95
57) 2,4-Dinitrotoluene	10.069	165	121728	39.962	ng	92
58) Fluorene	10.433	166	507948	40.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	138224	44.394	ng	99
60) Diethylphthalate	10.304	149	603313	44.029	ng	99
61) 4-Chlorophenyl-phenyle...	10.421	204	260460	43.534	ng	99
62) 4-Nitroaniline	10.451	138	160303	50.403	ng	96
63) Azobenzene	10.586	77	516976	37.691	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	7430	13.059	ng	83
66) n-Nitrosodiphenylamine	10.545	169	466483	42.009	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	157990	43.494	ng	93
68) Hexachlorobenzene	10.980	284	169174	44.536	ng	99
69) Atrazine	11.069	200	140166	46.004	ng	100
70) Pentachlorophenol	11.174	266	165938	73.058	ng	100
71) Phenanthrene	11.398	178	725128	41.857	ng	100
72) Anthracene	11.451	178	737915	41.387	ng	99
73) Carbazole	11.604	167	710407	42.131	ng	100
74) Di-n-butylphthalate	11.933	149	885589	44.416	ng	100
75) Fluoranthene	12.586	202	735648	38.444	ng	99
77) Benzidine	12.715	184	556417	112.229	ng	98
78) Pyrene	12.815	202	726614	50.372	ng	98
80) Butylbenzylphthalate	13.439	149	324088	56.785	ng	92
81) Benzo(a)anthracene	14.009	228	502032	44.457	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	200048	56.669	ng	# 98
83) Chrysene	14.045	228	463574	40.665	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	424252	59.469	ng	99
85) Di-n-octyl phthalate	14.609	149	625952	52.671	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	361348	38.882	ng	96
88) Benzo(b)fluoranthene	15.056	252	435086	45.796	ng	99
89) Benzo(k)fluoranthene	15.086	252	381621	41.195	ng	99
90) Benzo(a)pyrene	15.421	252	349949	40.480	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	310583	41.219	ng	98
92) Benzo(g,h,i)perylene	17.403	276	265729	34.975	ng	96

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

