

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133588.D
 Acq On : 06 Jun 2023 13:19
 Operator : CG\JU
 Sample : PB153153BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153153BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2023
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 06 14:53:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	117804	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	450261	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	214375	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	410096	20.000	ng	0.00
76) Chrysene-d12	14.010	240	234050	20.000	ng	0.00
86) Perylene-d12	15.468	264	228000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1045480	148.072	ng	0.01
7) Phenol-d6	6.469	99	1275642	146.765	ng	0.00
23) Nitrobenzene-d5	7.404	82	834710	123.778	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	367243	171.856	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1424729	102.576	ng	0.00
79) Terphenyl-d14	12.957	244	1559861	118.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	141703	44.438	ng	99
3) Pyridine	3.381	79	391075	43.739	ng	95
4) n-Nitrosodimethylamine	3.334	42	249173	51.101	ng	94
6) Aniline	6.498	93	575893	48.799	ng	99
8) 2-Chlorophenol	6.616	128	416571	59.877	ng	98
9) Benzaldehyde	6.381	77	246567	61.325	ng	97
10) Phenol	6.481	94	503559m	57.752	ng	
11) bis(2-Chloroethyl)ether	6.575	93	391624	54.324	ng	99
12) 1,3-Dichlorobenzene	6.775	146	433300	56.100	ng	99
13) 1,4-Dichlorobenzene	6.851	146	441395	57.002	ng	100
14) 1,2-Dichlorobenzene	7.004	146	422072	59.066	ng	99
15) Benzyl Alcohol	6.981	79	369301	55.965	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	718810	52.572	ng	96
17) 2-Methylphenol	7.087	107	345079	52.377	ng	99
18) Hexachloroethane	7.345	117	158405	59.160	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	288764	51.348	ng	95
20) 3+4-Methylphenols	7.245	107	407066	54.651	ng	# 85
22) Acetophenone	7.251	105	552483	53.282	ng	# 92
24) Nitrobenzene	7.422	77	436108	60.694	ng	99
25) Isophorone	7.657	82	812972	51.727	ng	99
26) 2-Nitrophenol	7.734	139	220138	64.996	ng	97
27) 2,4-Dimethylphenol	7.775	122	372235	55.664	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	465661	51.096	ng	99
29) 2,4-Dichlorophenol	7.975	162	341213	56.714	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	352895	54.229	ng	98
31) Naphthalene	8.145	128	1137805	52.123	ng	98
32) Benzoic acid	7.892	122	265137	58.325	ng	97
33) 4-Chloroaniline	8.187	127	308931	33.020	ng	98
34) Hexachlorobutadiene	8.257	225	212193	53.605	ng	99
35) Caprolactam	8.569	113	126416m	64.070	ng	
36) 4-Chloro-3-methylphenol	8.669	107	378744	56.199	ng	100
37) 2-Methylnaphthalene	8.834	142	750251	50.338	ng	98
38) 1-Methylnaphthalene	8.934	142	703847	50.661	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	340834	53.642	ng	99
41) Hexachlorocyclopentadiene	8.986	237	380766	116.941	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	238819	58.740	ng	99

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44) 2,4,5-Trichlorophenol	9.151	196	265453	56.251	ng	96
46) 1,1'-Biphenyl	9.298	154	925532	53.140	ng	99
47) 2-Chloronaphthalene	9.322	162	686069	54.352	ng	98
48) 2-Nitroaniline	9.422	65	257017	62.137	ng	96
49) Acenaphthylene	9.739	152	1144339	53.124	ng	98
50) Dimethylphthalate	9.604	163	834204	55.366	ng	99
51) 2,6-Dinitrotoluene	9.663	165	184374	63.105	ng	91
52) Acenaphthene	9.910	154	778229m	59.641	ng	
53) 3-Nitroaniline	9.833	138	193828	53.575	ng	# 90
54) 2,4-Dinitrophenol	9.939	184	184323	109.651	ng	94
55) Dibenzofuran	10.086	168	1016378	52.355	ng	99
56) 4-Nitrophenol	9.992	139	333164	129.243	ng	99
57) 2,4-Dinitrotoluene	10.069	165	243009	66.335	ng	# 80
58) Fluorene	10.428	166	752001	52.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	222875	62.710	ng	98
60) Diethylphthalate	10.304	149	842505	53.865	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	359639	52.660	ng	94
62) 4-Nitroaniline	10.451	138	217884	59.448	ng	99
63) Azobenzene	10.580	77	801717	51.206	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	119662	67.115	ng	# 78
66) n-Nitrosodiphenylamine	10.539	169	707481	53.139	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	234447	53.831	ng	95
68) Hexachlorobenzene	10.975	284	259272	56.928	ng	97
69) Atrazine	11.069	200	234116	64.088	ng	99
70) Pentachlorophenol	11.169	266	288219	105.837	ng	99
71) Phenanthrene	11.392	178	1106031	53.249	ng	99
72) Anthracene	11.445	178	1135207	53.103	ng	99
73) Carbazole	11.598	167	1096514	54.238	ng	99
74) Di-n-butylphthalate	11.927	149	1297215	54.264	ng	100
75) Fluoranthene	12.580	202	1195653	52.114	ng	99
77) Benzidine	12.704	184	602957	88.082	ng	99
78) Pyrene	12.810	202	1220597	61.285	ng	99
80) Butylbenzylphthalate	13.433	149	520112	66.003	ng	95
81) Benzo(a)anthracene	13.998	228	857893	55.023	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	249121	51.112	ng	98
83) Chrysene	14.039	228	847517	53.845	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	617837	62.725	ng	99
85) Di-n-octyl phthalate	14.604	149	970184	59.127	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	912621	62.839	ng	99
88) Benzo(b)fluoranthene	15.045	252	781239	52.620	ng	100
89) Benzo(k)fluoranthene	15.074	252	763985	52.774	ng	99
90) Benzo(a)pyrene	15.410	252	696156	51.530	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	738971	62.757	ng	99
92) Benzo(g,h,i)perylene	17.380	276	721909	60.802	ng	100

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

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