

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128018.D
 Acq On : 02 May 2022 11:22
 Operator : CG\JU
 Sample : PB144471BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144471BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 02 14:37:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131888	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	513374	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	298688	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	546238	20.000	ng	0.00
76) Chrysene-d12	14.121	240	360495	20.000	ng	0.00
86) Perylene-d12	15.633	264	271291	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1047576	126.514	ng	0.02
7) Phenol-d6	6.569	99	1375699	128.040	ng	0.00
23) Nitrobenzene-d5	7.504	82	1021404	93.559	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	429386	142.805	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1652265	93.583	ng	0.00
79) Terphenyl-d14	13.057	244	1912508	97.009	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	145979	36.950	ng	97
3) Pyridine	3.652	79	401633	39.676	ng	98
4) n-Nitrosodimethylamine	3.622	42	243984	49.794	ng	93
6) Aniline	6.598	93	505473	39.597	ng	98
8) 2-Chlorophenol	6.722	128	429962	50.030	ng	98
9) Benzaldehyde	6.487	77	278527	41.904	ng	95
10) Phenol	6.581	94	510520m	47.111	ng	
11) bis(2-Chloroethyl)ether	6.669	93	431673	48.021	ng	98
12) 1,3-Dichlorobenzene	6.875	146	455464	46.041	ng	99
13) 1,4-Dichlorobenzene	6.951	146	450192	45.592	ng	99
14) 1,2-Dichlorobenzene	7.098	146	433749	47.450	ng	98
15) Benzyl Alcohol	7.075	79	376174	51.485	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	641161	46.668	ng	90
17) 2-Methylphenol	7.187	107	382756	51.618	ng	93
18) Hexachloroethane	7.440	117	179748	49.515	ng	96
19) n-Nitroso-di-n-propyla...	7.345	70	336959	51.232	ng	98
20) 3+4-Methylphenols	7.340	107	424044	47.339	ng	# 87
22) Acetophenone	7.345	105	589465	47.110	ng	# 92
24) Nitrobenzene	7.522	77	522272	49.646	ng	99
25) Isophorone	7.757	82	954717	51.959	ng	99
26) 2-Nitrophenol	7.834	139	228195	50.904	ng	95
27) 2,4-Dimethylphenol	7.863	122	400739	53.820	ng	97
28) bis(2-Chloroethoxy)met...	7.957	93	554726	47.107	ng	100
29) 2,4-Dichlorophenol	8.075	162	368924	47.295	ng	100
30) 1,2,4-Trichlorobenzene	8.157	180	401773	45.343	ng	98
31) Naphthalene	8.240	128	1208679	46.226	ng	99
32) Benzoic acid	8.010	122	213388	39.983	ng	97
33) 4-Chloroaniline	8.287	127	265962	25.708	ng	100
34) Hexachlorobutadiene	8.345	225	264006	47.302	ng	98
35) Caprolactam	8.681	113	110117m	43.732	ng	
36) 4-Chloro-3-methylphenol	8.775	107	423273	50.808	ng	96
37) 2-Methylnaphthalene	8.934	142	821480	47.539	ng	100
38) 1-Methylnaphthalene	9.034	142	782736	46.602	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	401406	45.594	ng	98
41) Hexachlorocyclopentadiene	9.081	237	523301	109.710	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	269729	46.562	ng	99

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44) 2,4,5-Trichlorophenol	9.257	196	284759	45.219	ng	96
46) 1,1'-Biphenyl	9.398	154	1009382	45.621	ng	99
47) 2-Chloronaphthalene	9.422	162	753056	44.710	ng	96
48) 2-Nitroaniline	9.522	65	288483	50.634	ng	96
49) Acenaphthylene	9.845	152	1222344	47.443	ng	100
50) Dimethylphthalate	9.698	163	951646	47.507	ng	100
51) 2,6-Dinitrotoluene	9.769	165	214682	49.499	ng	91
52) Acenaphthene	10.016	154	876791m	50.619	ng	
53) 3-Nitroaniline	9.934	138	144251	29.952	ng	96
54) 2,4-Dinitrophenol	10.051	184	224953	98.487	ng	# 85
55) Dibenzofuran	10.186	168	1097542	43.918	ng	99
56) 4-Nitrophenol	10.110	139	306866	83.442	ng	96
57) 2,4-Dinitrotoluene	10.175	165	285806	49.749	ng	# 79
58) Fluorene	10.534	166	866122	46.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	241598	45.623	ng	98
60) Diethylphthalate	10.398	149	926503	47.167	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	429928	46.395	ng	94
62) 4-Nitroaniline	10.563	138	215044	45.672	ng	97
63) Azobenzene	10.681	77	992258	45.907	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	158437	48.815	ng	97
66) n-Nitrosodiphenylamine	10.639	169	773639	45.517	ng	100
67) 4-Bromophenyl-phenylether	11.010	248	278397	45.975	ng	97
68) Hexachlorobenzene	11.081	284	305032	47.812	ng	# 92
69) Atrazine	11.169	200	282308	53.715	ng	96
70) Pentachlorophenol	11.275	266	316406	84.301	ng	98
71) Phenanthrene	11.498	178	1270699	44.441	ng	99
72) Anthracene	11.551	178	1306639	45.875	ng	100
73) Carbazole	11.704	167	1169858	42.616	ng	99
74) Di-n-butylphthalate	12.022	149	1429065	46.296	ng	99
75) Fluoranthene	12.692	202	1354997	45.027	ng	97
77) Benzidine	12.810	184	586256	85.948	ng	97
78) Pyrene	12.922	202	1381141	47.460	ng	100
80) Butylbenzylphthalate	13.527	149	576696	50.560	ng	99
81) Benzo(a)anthracene	14.110	228	1140731	47.475	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	219744	28.803	ng	99
83) Chrysene	14.151	228	1019200	44.414	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	766565	50.678	ng	100
85) Di-n-octyl phthalate	14.698	149	1162677	49.600	ng	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	824281	45.520	ng	97
88) Benzo(b)fluoranthene	15.186	252	876134	51.418	ng	99
89) Benzo(k)fluoranthene	15.216	252	846091	49.286	ng	99
90) Benzo(a)pyrene	15.574	252	787604	55.724	ng	# 97
91) Dibenzo(a,h)anthracene	17.210	278	702310	48.360	ng	98
92) Benzo(g,h,i)perylene	17.668	276	735696	48.070	ng	97

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

