

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135178.D
 Acq On : 12 Sep 2023 13:09
 Operator : CG\JU
 Sample : PB155440BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155440BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:02:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	110676	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	421060	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	220131	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	430396	20.000	ng	0.00
76) Chrysene-d12	13.951	240	228505	20.000	ng	0.00
86) Perylene-d12	15.404	264	210344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	877050	128.887	ng	0.02
7) Phenol-d6	6.410	99	1123568	129.852	ng	0.00
23) Nitrobenzene-d5	7.334	82	708336	91.397	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	297076	135.802	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1256958	86.149	ng	0.00
79) Terphenyl-d14	12.892	244	1315689	89.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	111592	37.408	ng	98
3) Pyridine	3.322	79	285532	35.564	ng	98
4) n-Nitrosodimethylamine	3.281	42	190330	44.674	ng	98
6) Aniline	6.434	93	349692	30.819	ng	99
8) 2-Chlorophenol	6.551	128	345321	47.538	ng	98
9) Benzaldehyde	6.316	77	125751	25.511	ng	96
10) Phenol	6.422	94	413249	43.555	ng	95
11) bis(2-Chloroethyl)ether	6.510	93	317997	44.681	ng	98
12) 1,3-Dichlorobenzene	6.704	146	335411	45.433	ng	99
13) 1,4-Dichlorobenzene	6.781	146	344333	45.844	ng	98
14) 1,2-Dichlorobenzene	6.934	146	324525	46.526	ng	98
15) Benzyl Alcohol	6.916	79	290195	46.737	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	599574	44.694	ng	97
17) 2-Methylphenol	7.028	107	276986	43.209	ng	98
18) Hexachloroethane	7.269	117	128409	46.270	ng	91
19) n-Nitroso-di-n-propyla...	7.187	70	231361	43.169	ng	97
20) 3+4-Methylphenols	7.181	107	325504	42.228	ng	95
22) Acetophenone	7.181	105	446103	46.341	ng	99
24) Nitrobenzene	7.351	77	353330	46.125	ng	100
25) Isophorone	7.593	82	657520	46.202	ng	99
26) 2-Nitrophenol	7.663	139	183282	49.852	ng	99
27) 2,4-Dimethylphenol	7.704	122	304554	49.283	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	403228	47.339	ng	99
29) 2,4-Dichlorophenol	7.904	162	277520	48.465	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	288850	48.260	ng	99
31) Naphthalene	8.069	128	958720	46.863	ng	99
32) Benzoic acid	7.845	122	232977	50.066	ng	97
33) 4-Chloroaniline	8.116	127	166890	18.593	ng	98
34) Hexachlorobutadiene	8.181	225	169569	46.985	ng	98
35) Caprolactam	8.498	113	97028m	50.488	ng	
36) 4-Chloro-3-methylphenol	8.610	107	307860	48.373	ng	98
37) 2-Methylnaphthalene	8.757	142	612960	44.573	ng	99
38) 1-Methylnaphthalene	8.857	142	573964	44.580	ng	100
40) 1,2,4,5-Tetrachloroben...	8.928	216	295700	46.367	ng	99
41) Hexachlorocyclopentadiene	8.910	237	274197	95.955	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	197002	47.180	ng	97

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44) 2,4,5-Trichlorophenol	9.087	196	218193	45.376	ng	97
46) 1,1'-Biphenyl	9.228	154	767563	45.373	ng	99
47) 2-Chloronaphthalene	9.251	162	572372	46.633	ng	99
48) 2-Nitroaniline	9.351	65	217382	45.588	ng	99
49) Acenaphthylene	9.663	152	926459	45.418	ng	100
50) Dimethylphthalate	9.534	163	689576	46.333	ng	100
51) 2,6-Dinitrotoluene	9.598	165	152084	46.646	ng	90
52) Acenaphthene	9.839	154	544357	45.173	ng	99
53) 3-Nitroaniline	9.763	138	112685	29.444	ng	100
54) 2,4-Dinitrophenol	9.881	184	161427	86.652	ng	98
55) Dibenzofuran	10.010	168	829410	45.104	ng	99
56) 4-Nitrophenol	9.939	139	238551	98.074	ng	97
57) 2,4-Dinitrotoluene	10.004	165	190072	46.567	ng	94
58) Fluorene	10.357	166	633145	44.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.134	232	180418	48.775	ng	98
60) Diethylphthalate	10.234	149	692191	46.342	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	296256	43.627	ng	100
62) 4-Nitroaniline	10.386	138	169751	46.143	ng	98
63) Azobenzene	10.510	77	661535	45.254	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	113492	49.647	ng	92
66) n-Nitrosodiphenylamine	10.469	169	596639	45.789	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	199304	46.560	ng	96
68) Hexachlorobenzene	10.904	284	218965	50.210	ng	99
69) Atrazine	11.004	200	195737	55.829	ng	97
70) Pentachlorophenol	11.098	266	230028	88.162	ng	97
71) Phenanthrene	11.322	178	954529	46.892	ng	99
72) Anthracene	11.375	178	988852	47.260	ng	100
73) Carbazole	11.533	167	927834	48.712	ng	99
74) Di-n-butylphthalate	11.863	149	1074318	47.866	ng	99
75) Fluoranthene	12.516	202	992919	46.812	ng	98
77) Benzidine	12.639	184	298598	63.785	ng	99
78) Pyrene	12.745	202	1008684	46.365	ng	100
80) Butylbenzylphthalate	13.369	149	380961	49.736	ng	97
81) Benzo(a)anthracene	13.939	228	692434	46.928	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	150758	32.711	ng	98
83) Chrysene	13.974	228	680375	46.379	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	395774	50.352	ng	99
85) Di-n-octyl phthalate	14.551	149	632530	50.637	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	702749	50.955	ng	99
88) Benzo(b)fluoranthene	14.986	252	588651	51.696	ng	99
89) Benzo(k)fluoranthene	15.016	252	561653	49.934	ng	100
90) Benzo(a)pyrene	15.351	252	519213	47.815	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	566702	50.220	ng	99
92) Benzo(g,h,i)perylene	17.333	276	601297	51.022	ng	99

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

