

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135727.D
 Acq On : 12 Oct 2023 11:14
 Operator : CG\JU
 Sample : PB156073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156073BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2023
 Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 13 00:53:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	98142	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	381959	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	194582	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	423232	20.000	ng	0.00
76) Chrysene-d12	13.945	240	238246	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	202092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	851831	141.169	ng	0.02
7) Phenol-d6	6.398	99	994508	129.616	ng	0.00
23) Nitrobenzene-d5	7.310	82	633291	90.079	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	287087	148.467	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1155684	89.608	ng	0.00
79) Terphenyl-d14	12.874	244	1359739	88.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	103192	39.010	ng	99
3) Pyridine	3.304	79	257038	36.104	ng	97
4) n-Nitrosodimethylamine	3.246	42	187690	49.681	ng	93
6) Aniline	6.410	93	297140	29.532	ng	# 8
8) 2-Chlorophenol	6.534	128	307460	47.731	ng	97
9) Benzaldehyde	6.304	77	59925	13.710	ng	98
10) Phenol	6.410	94	363935	43.256	ng	# 75
11) bis(2-Chloroethyl)ether	6.487	93	287158	45.501	ng	99
12) 1,3-Dichlorobenzene	6.681	146	301724	46.090	ng	98
13) 1,4-Dichlorobenzene	6.757	146	311443	46.761	ng	99
14) 1,2-Dichlorobenzene	6.910	146	290586	46.981	ng	97
15) Benzyl Alcohol	6.898	79	246439	44.759	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	515259	43.315	ng	46
17) 2-Methylphenol	7.010	107	245721	43.228	ng	# 90
18) Hexachloroethane	7.239	117	114025	46.334	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	208589	43.890	ng	92
20) 3+4-Methylphenols	7.169	107	312502	45.719	ng	# 67
22) Acetophenone	7.157	105	410958	47.060	ng	92
24) Nitrobenzene	7.328	77	319154	45.929	ng	99
25) Isophorone	7.569	82	580049	44.931	ng	100
26) 2-Nitrophenol	7.645	139	165018	49.479	ng	97
27) 2,4-Dimethylphenol	7.686	122	240611	42.921	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	363630	47.060	ng	98
29) 2,4-Dichlorophenol	7.892	162	253011	48.708	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	261430	48.151	ng	99
31) Naphthalene	8.039	128	869420	46.848	ng	100
32) Benzoic acid	7.851	122	173515	41.105	ng	97
33) 4-Chloroaniline	8.104	127	227510	27.942	ng	98
34) Hexachlorobutadiene	8.151	225	155057	47.363	ng	98
35) Caprolactam	8.486	113	88069m	50.517	ng	
36) 4-Chloro-3-methylphenol	8.604	107	280180	48.531	ng	97
37) 2-Methylnaphthalene	8.733	142	548311	43.954	ng	99
38) 1-Methylnaphthalene	8.833	142	529918	45.372	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	267068	47.376	ng	99
41) Hexachlorocyclopentadiene	8.881	237	109904	47.546	ng	99
43) 2,4,6-Trichlorophenol	9.028	196	171842	46.558	ng	98

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44) 2,4,5-Trichlorophenol	9.075	196	183787	43.239	ng	96
46) 1,1'-Biphenyl	9.204	154	705137	47.156	ng	99
47) 2-Chloronaphthalene	9.228	162	520025	47.931	ng	98
48) 2-Nitroaniline	9.339	65	202588	48.064	ng	99
49) Acenaphthylene	9.645	152	863558	47.893	ng	100
50) Dimethylphthalate	9.510	163	628987	47.811	ng	100
51) 2,6-Dinitrotoluene	9.580	165	140486	48.746	ng	96
52) Acenaphthene	9.816	154	503963	47.313	ng	98
53) 3-Nitroaniline	9.757	138	124189	36.710	ng	90
54) 2,4-Dinitrophenol	9.880	184	140479	85.405	ng	97
55) Dibenzofuran	9.986	168	767780	47.235	ng	96
56) 4-Nitrophenol	9.945	139	162479	75.570	ng	98
57) 2,4-Dinitrotoluene	9.998	165	184322	51.087	ng	91
58) Fluorene	10.333	166	623140	49.868	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	160994	49.239	ng	98
60) Diethylphthalate	10.210	149	657064	49.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	294941	49.136	ng	98
62) 4-Nitroaniline	10.380	138	156997	48.279	ng	98
63) Azobenzene	10.486	77	641168	49.620	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	97203	43.241	ng	86
66) n-Nitrosodiphenylamine	10.451	169	566011	44.174	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	191901	45.589	ng	96
68) Hexachlorobenzene	10.886	284	204892	47.779	ng	92
69) Atrazine	10.986	200	186594	54.122	ng	100
70) Pentachlorophenol	11.092	266	178474	69.561	ng	97
71) Phenanthrene	11.304	178	951587	47.539	ng	100
72) Anthracene	11.357	178	946849	46.019	ng	99
73) Carbazole	11.522	167	912215	48.703	ng	98
74) Di-n-butylphthalate	11.839	149	1087557	49.276	ng	99
75) Fluoranthene	12.498	202	1016412	48.731	ng	99
77) Benzidine	12.627	184	295548	60.552	ng	99
78) Pyrene	12.733	202	1025276	45.201	ng	99
80) Butylbenzylphthalate	13.351	149	428087	53.603	ng	96
81) Benzo(a)anthracene	13.933	228	764621	49.702	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	208493	43.388	ng	99
83) Chrysene	13.968	228	688054	44.984	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	557712	68.053	ng	99
85) Di-n-octyl phthalate	14.527	149	756657	58.098	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	654750	49.413	ng	99
88) Benzo(b)fluoranthene	14.986	252	566797	51.810	ng	100
89) Benzo(k)fluoranthene	15.015	252	537700	49.756	ng	99
90) Benzo(a)pyrene	15.351	252	480805	46.086	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	537382	49.566	ng	98
92) Benzo(g,h,i)perylene	17.368	276	554882	49.006	ng	100

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

