

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132898.D
 Acq On : 18 Apr 2023 12:42
 Operator : CG\JU
 Sample : PB152124BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152124BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 13:39:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	316509	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1277422	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	651360	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1129622	20.000	ng	0.00
76) Chrysene-d12	13.927	240	726627	20.000	ng	0.00
86) Perylene-d12	15.351	264	777114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2121377	104.804	ng	0.02
7) Phenol-d6	6.404	99	2714066	105.079	ng	0.00
23) Nitrobenzene-d5	7.334	82	1681242	68.603	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	712685	109.087	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2854544	67.324	ng	0.00
79) Terphenyl-d14	12.874	244	3015230	70.796	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	410898	41.602	ng	99
3) Pyridine	3.251	79	1028702	38.082	ng	98
4) n-Nitrosodimethylamine	3.210	42	546905	42.610	ng	99
6) Aniline	6.428	93	1251141	36.526	ng	99
8) 2-Chlorophenol	6.551	128	918185	44.713	ng	98
9) Benzaldehyde	6.310	77	563438	36.868	ng	95
10) Phenol	6.416	94	1261516	43.438	ng	93
11) bis(2-Chloroethyl)ether	6.504	93	947241	43.188	ng	97
12) 1,3-Dichlorobenzene	6.710	146	987790	43.764	ng	98
13) 1,4-Dichlorobenzene	6.787	146	992871	43.901	ng	98
14) 1,2-Dichlorobenzene	6.939	146	929504	44.018	ng	98
15) Benzyl Alcohol	6.910	79	820777	46.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1702895	44.871	ng	100
17) 2-Methylphenol	7.022	107	807080	42.911	ng	99
18) Hexachloroethane	7.281	117	352957	44.969	ng	97
19) n-Nitroso-di-n-propyla...	7.186	70	705799	43.778	ng	95
20) 3+4-Methylphenols	7.175	107	939750	42.273	ng	97
22) Acetophenone	7.181	105	1280659	42.736	ng	# 98
24) Nitrobenzene	7.351	77	1044648	41.588	ng	99
25) Isophorone	7.592	82	1979643	42.586	ng	99
26) 2-Nitrophenol	7.669	139	477517	50.392	ng	99
27) 2,4-Dimethylphenol	7.710	122	882290	45.644	ng	100
28) bis(2-Chloroethoxy)met...	7.804	93	1189452	42.796	ng	100
29) 2,4-Dichlorophenol	7.910	162	793369	44.095	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	835979	43.032	ng	98
31) Naphthalene	8.075	128	2646013	40.990	ng	100
32) Benzoic acid	7.833	122	505777	52.178	ng	97
33) 4-Chloroaniline	8.116	127	375204	14.191	ng	98
34) Hexachlorobutadiene	8.192	225	464172	41.765	ng	98
35) Caprolactam	8.504	113	256922m	47.951	ng	
36) 4-Chloro-3-methylphenol	8.604	107	840386	44.501	ng	97
37) 2-Methylnaphthalene	8.769	142	1790252	40.292	ng	99
38) 1-Methylnaphthalene	8.863	142	1775988	42.898	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	775193	42.076	ng	99
41) Hexachlorocyclopentadiene	8.922	237	1037226	106.813	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	528191	45.227	ng	99

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44) 2,4,5-Trichlorophenol	9.080	196	566935	41.514	ng	97
46) 1,1'-Biphenyl	9.233	154	2166349	41.954	ng	99
47) 2-Chloronaphthalene	9.257	162	1642365	42.981	ng	99
48) 2-Nitroaniline	9.345	65	519350	46.982	ng	99
49) Acenaphthylene	9.669	152	2530363	41.518	ng	99
50) Dimethylphthalate	9.533	163	1910147	42.417	ng	99
51) 2,6-Dinitrotoluene	9.592	165	439390	44.502	ng	99
52) Acenaphthene	9.839	154	1771780	45.114	ng	99
53) 3-Nitroaniline	9.757	138	324726	28.902	ng	94
54) 2,4-Dinitrophenol	9.863	184	399594	103.894	ng	92
55) Dibenzofuran	10.016	168	2268200	40.707	ng	98
56) 4-Nitrophenol	9.916	139	780701	93.541	ng	90
57) 2,4-Dinitrotoluene	9.998	165	577604	47.400	ng	88
58) Fluorene	10.357	166	1660093	40.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	469478	44.296	ng	99
60) Diethylphthalate	10.233	149	1793167	42.613	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	841122	40.515	ng	99
62) 4-Nitroaniline	10.374	138	466534	43.202	ng	97
63) Azobenzene	10.510	77	1938754	41.245	ng	100
65) 4,6-Dinitro-2-methylph...	10.398	198	262207	48.468	ng	97
66) n-Nitrosodiphenylamine	10.469	169	1541324	41.895	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	545841	42.316	ng	99
68) Hexachlorobenzene	10.904	284	595081	44.467	ng	98
69) Atrazine	10.998	200	498508	48.479	ng	98
70) Pentachlorophenol	11.092	266	698431	80.877	ng	99
71) Phenanthrene	11.316	178	2492817	41.026	ng	99
72) Anthracene	11.369	178	2566868	41.268	ng	99
73) Carbazole	11.516	167	2271307	42.202	ng	99
74) Di-n-butylphthalate	11.857	149	2635225	45.676	ng	100
75) Fluoranthene	12.498	202	2496653	41.319	ng	99
77) Benzidine	12.621	184	1140235	100.735	ng	98
78) Pyrene	12.727	202	2530911	42.597	ng	99
80) Butylbenzylphthalate	13.351	149	703590	48.957	ng	97
81) Benzo(a)anthracene	13.910	228	2169838	43.910	ng	100
82) 3,3'-Dichlorobenzidine	13.874	252	378985	31.705	ng	# 98
83) Chrysene	13.951	228	2022666	41.181	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	1059509	56.374	ng	99
85) Di-n-octyl phthalate	14.527	149	2026987	49.405	ng	97
87) Indeno(1,2,3-cd)pyrene	16.751	276	1999319	45.025	ng	100
88) Benzo(b)fluoranthene	14.945	252	2114787	43.688	ng	99
89) Benzo(k)fluoranthene	14.974	252	2077713	43.087	ng	99
90) Benzo(a)pyrene	15.298	252	1831114	41.405	ng	100
91) Dibenzo(a,h)anthracene	16.774	278	1691088	44.696	ng	97
92) Benzo(g,h,i)perylene	17.174	276	1572698	43.413	ng	99

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

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