

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135331.D
 Acq On : 19 Sep 2023 13:11
 Operator : CG\JU
 Sample : PB155592BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:32:05 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	6.757	152	126275	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	509831	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	261093	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	498029	20.000	ng	0.00
76) Chrysene-d12	13.951	240	229919	20.000	ng	0.00
86) Perylene-d12	15.409	264	238915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1057457	136.203	ng	0.02
7) Phenol-d6	6.410	99	1331688	134.893	ng	0.00
23) Nitrobenzene-d5	7.328	82	876580	93.411	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	333818	128.657	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1514953	87.541	ng	0.00
79) Terphenyl-d14	12.892	244	1485040	100.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	145749	42.823	ng	98
3) Pyridine	3.322	79	383812	41.900	ng	95
4) n-Nitrosodimethylamine	3.287	42	264866	54.489	ng	94
6) Aniline	6.428	93	413399	31.933	ng	# 43
8) 2-Chlorophenol	6.545	128	449074	54.184	ng	99
9) Benzaldehyde	6.316	77	148050	26.325	ng	100
10) Phenol	6.422	94	500401	46.225	ng	80
11) bis(2-Chloroethyl)ether	6.504	93	420928	51.838	ng	99
12) 1,3-Dichlorobenzene	6.698	146	431922	51.279	ng	98
13) 1,4-Dichlorobenzene	6.775	146	439810	51.323	ng	98
14) 1,2-Dichlorobenzene	6.928	146	415615	52.225	ng	97
15) Benzyl Alcohol	6.910	79	374629	52.883	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.033	45	796592	52.045	ng	85
17) 2-Methylphenol	7.022	107	350769	47.960	ng	95
18) Hexachloroethane	7.263	117	168467	53.205	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	289571	47.356	ng	95
20) 3+4-Methylphenols	7.181	107	395071	44.922	ng	# 83
22) Acetophenone	7.169	105	559539	48.004	ng	# 98
24) Nitrobenzene	7.345	77	452461	48.782	ng	99
25) Isophorone	7.586	82	859826	49.898	ng	99
26) 2-Nitrophenol	7.663	139	236391	53.102	ng	96
27) 2,4-Dimethylphenol	7.704	122	361543	48.318	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	527537	51.149	ng	100
29) 2,4-Dichlorophenol	7.904	162	358120	51.651	ng	99
30) 1,2,4-Trichlorobenzene	7.980	180	369756	51.021	ng	99
31) Naphthalene	8.063	128	1223939	49.410	ng	100
32) Benzoic acid	7.851	122	303407	53.849	ng	98
33) 4-Chloroaniline	8.116	127	311709	28.681	ng	99
34) Hexachlorobutadiene	8.175	225	213665	48.895	ng	99
35) Caprolactam	8.498	113	127072m	54.608	ng	
36) 4-Chloro-3-methylphenol	8.610	107	397784	51.620	ng	98
37) 2-Methylnaphthalene	8.757	142	777571	46.698	ng	97
38) 1-Methylnaphthalene	8.851	142	739718	47.450	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	361531	47.796	ng	98
41) Hexachlorocyclopentadiene	8.904	237	274337	82.097	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	251834	50.850	ng	97

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44) 2,4,5-Trichlorophenol	9.086	196	263141	46.138	ng	96
46) 1,1'-Biphenyl	9.222	154	960329	47.862	ng	98
47) 2-Chloronaphthalene	9.245	162	722980	49.662	ng	97
48) 2-Nitroaniline	9.351	65	290146	51.301	ng	99
49) Acenaphthylene	9.663	152	1184037	48.938	ng	100
50) Dimethylphthalate	9.533	163	889711	50.401	ng	100
51) 2,6-Dinitrotoluene	9.598	165	198837	51.418	ng	# 85
52) Acenaphthene	9.833	154	695434	48.657	ng	96
53) 3-Nitroaniline	9.763	138	173074	38.128	ng	100
54) 2,4-Dinitrophenol	9.880	184	211212	94.944	ng	92
55) Dibenzofuran	10.010	168	993586	45.555	ng	98
56) 4-Nitrophenol	9.945	139	278904	96.675	ng	96
57) 2,4-Dinitrotoluene	10.004	165	228641	47.228	ng	# 80
58) Fluorene	10.351	166	795721	47.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	222035	50.609	ng	98
60) Diethylphthalate	10.233	149	888534	50.155	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	367854	45.672	ng	97
62) 4-Nitroaniline	10.386	138	221144	50.682	ng	97
63) Azobenzene	10.504	77	864919	49.884	ng	95
65) 4,6-Dinitro-2-methylph...	10.416	198	144476	54.618	ng	98
66) n-Nitrosodiphenylamine	10.469	169	762679	50.583	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	244654	49.392	ng	# 92
68) Hexachlorobenzene	10.898	284	261396	51.800	ng	# 87
69) Atrazine	11.004	200	238578	58.807	ng	99
70) Pentachlorophenol	11.104	266	237229	78.575	ng	99
71) Phenanthrene	11.321	178	1186640	50.378	ng	100
72) Anthracene	11.368	178	1204469	49.748	ng	100
73) Carbazole	11.533	167	1115475	50.611	ng	99
74) Di-n-butylphthalate	11.863	149	1350386	51.996	ng	99
75) Fluoranthene	12.515	202	1216421	49.561	ng	99
77) Benzidine	12.639	184	287924	61.126	ng	99
78) Pyrene	12.745	202	1213563	55.439	ng	99
80) Butylbenzylphthalate	13.368	149	465511	60.400	ng	99
81) Benzo(a)anthracene	13.939	228	746744	50.298	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	203267	43.833	ng	# 98
83) Chrysene	13.974	228	737430	49.959	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	507093	64.117	ng	100
85) Di-n-octyl phthalate	14.545	149	767917	61.098	ng	99
87) Indeno(1,2,3-cd)pyrene	16.903	276	838713	53.541	ng	99
88) Benzo(b)fluoranthene	14.986	252	693320	53.607	ng	97
89) Benzo(k)fluoranthene	15.015	252	596888	46.720	ng	98
90) Benzo(a)pyrene	15.351	252	611528	49.582	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	662019	51.651	ng	100
92) Benzo(g,h,i)perylene	17.350	276	689661	51.521	ng	99

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

