

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135300.D
 Acq On : 18 Sep 2023 11:44
 Operator : CG\JU
 Sample : PB154882BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154882BS

Quant Time: Sep 18 12:09:06 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	146210	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	566091	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	284787	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	558143	20.000	ng	0.00
76) Chrysene-d12	13.951	240	258958	20.000	ng	0.00
86) Perylene-d12	15.409	264	262283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1126395	125.301	ng	0.02
7) Phenol-d6	6.410	99	1443232	126.259	ng	0.00
23) Nitrobenzene-d5	7.328	82	922563	88.541	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	350539	123.861	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1583613	83.895	ng	0.00
79) Terphenyl-d14	12.892	244	1599476	95.749	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	112249	28.484	ng	98
3) Pyridine	3.316	79	397345	37.463	ng	99
4) n-Nitrosodimethylamine	3.275	42	270973	48.145	ng	96
6) Aniline	6.428	93	439173	29.299	ng	# 48
8) 2-Chlorophenol	6.551	128	456225	47.541	ng	94
9) Benzaldehyde	6.316	77	169092	25.967	ng	99
10) Phenol	6.422	94	527617	42.094	ng	85
11) bis(2-Chloroethyl)ether	6.504	93	432858	46.039	ng	100
12) 1,3-Dichlorobenzene	6.698	146	445828	45.713	ng	99
13) 1,4-Dichlorobenzene	6.781	146	449362	45.288	ng	98
14) 1,2-Dichlorobenzene	6.928	146	431082	46.783	ng	99
15) Benzyl Alcohol	6.910	79	385173	46.958	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	824259	46.510	ng	97
17) 2-Methylphenol	7.022	107	364264	43.014	ng	98
18) Hexachloroethane	7.263	117	170865	46.605	ng	90
19) n-Nitroso-di-n-propyla...	7.181	70	290189	40.986	ng	95
20) 3+4-Methylphenols	7.181	107	422000	41.442	ng	# 81
22) Acetophenone	7.175	105	578518	44.700	ng	98
24) Nitrobenzene	7.345	77	472824	45.911	ng	99
25) Isophorone	7.586	82	885091	46.260	ng	98
26) 2-Nitrophenol	7.663	139	241320	48.822	ng	95
27) 2,4-Dimethylphenol	7.704	122	396366	47.707	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	542321	47.357	ng	100
29) 2,4-Dichlorophenol	7.904	162	353711	45.945	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	378857	47.082	ng	97
31) Naphthalene	8.063	128	1240956	45.118	ng	99
32) Benzoic acid	7.845	122	307872	49.211	ng	96
33) 4-Chloroaniline	8.116	127	272928	22.617	ng	99
34) Hexachlorobutadiene	8.175	225	215571	44.429	ng	99
35) Caprolactam	8.492	113	132799m	51.397	ng	
36) 4-Chloro-3-methylphenol	8.610	107	401475	46.921	ng	98
37) 2-Methylnaphthalene	8.757	142	793258	42.905	ng	100
38) 1-Methylnaphthalene	8.851	142	736436	42.545	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	372135	45.104	ng	99
41) Hexachlorocyclopentadiene	8.904	237	281190	77.592	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	251244	46.510	ng	100

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44) 2,4,5-Trichlorophenol	9.086	196	275761	44.328	ng	97
46) 1,1'-Biphenyl	9.222	154	981121	44.830	ng	98
47) 2-Chloronaphthalene	9.245	162	746127	46.988	ng	98
48) 2-Nitroaniline	9.351	65	298719	48.423	ng	100
49) Acenaphthylene	9.663	152	1167432	44.238	ng	99
50) Dimethylphthalate	9.527	163	885522	45.990	ng	100
51) 2,6-Dinitrotoluene	9.592	165	199297	47.249	ng	98
52) Acenaphthene	9.833	154	703094	45.100	ng	99
53) 3-Nitroaniline	9.763	138	162144	32.748	ng	96
54) 2,4-Dinitrophenol	9.880	184	218142	90.233	ng	99
55) Dibenzofuran	10.010	168	1014814	42.658	ng	100
56) 4-Nitrophenol	9.945	139	294159	93.480	ng	96
57) 2,4-Dinitrotoluene	10.004	165	236336	44.756	ng	# 84
58) Fluorene	10.351	166	806079	44.075	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.127	232	226156	47.259	ng	100
60) Diethylphthalate	10.233	149	891946	46.158	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	380353	43.294	ng	94
62) 4-Nitroaniline	10.386	138	225659	47.414	ng	99
63) Azobenzene	10.504	77	895270	47.339	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	153318	51.718	ng	95
66) n-Nitrosodiphenylamine	10.469	169	767599	45.427	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	250515	45.129	ng	95
68) Hexachlorobenzene	10.898	284	267186	47.245	ng	# 88
69) Atrazine	11.004	200	248740	54.708	ng	98
70) Pentachlorophenol	11.098	266	268474	79.346	ng	98
71) Phenanthrene	11.316	178	1209255	45.809	ng	99
72) Anthracene	11.369	178	1227020	45.221	ng	100
73) Carbazole	11.527	167	1176302	47.622	ng	100
74) Di-n-butylphthalate	11.863	149	1379440	47.394	ng	100
75) Fluoranthene	12.510	202	1274558	46.337	ng	98
77) Benzidine	12.633	184	327276	61.689	ng	99
78) Pyrene	12.739	202	1288799	52.274	ng	100
80) Butylbenzylphthalate	13.368	149	474004	54.605	ng	99
81) Benzo(a)anthracene	13.939	228	773164	46.237	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	181685	34.785	ng	99
83) Chrysene	13.974	228	770197	46.327	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	501357	56.283	ng	# 99
85) Di-n-octyl phthalate	14.545	149	766372	54.137	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	877386	51.020	ng	98
88) Benzo(b)fluoranthene	14.986	252	740001	52.119	ng	# 97
89) Benzo(k)fluoranthene	15.015	252	636783	45.402	ng	# 98
90) Benzo(a)pyrene	15.351	252	643022	47.491	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	711687	50.579	ng	98
92) Benzo(g,h,i)perylene	17.351	276	735852	50.074	ng	99

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

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