

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139533.D
 Acq On : 25 Sep 2024 17:08
 Operator : RC/JU
 Sample : PB163665BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB163665BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 25 17:29:38 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 14 02:58:23 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66799	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	243770	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	131975	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	253697	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	122817	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	141578	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	602345	147.103	ng	0.01
7) Phenol-d6	6.516	99	779765	145.084	ng	0.01
23) Nitrobenzene-d5	7.439	82	517983	99.894	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202229	143.932	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	917486	97.503	ng	0.00
79) Terphenyl-d14	12.980	244	838169	112.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	75035	45.675	ng	97
3) Pyridine	3.457	79	198785	54.882	ng	97
4) n-Nitrosodimethylamine	3.416	42	145124	46.227	ng	# 82
6) Aniline	6.540	93	251783	62.077	ng	# 79
8) 2-Chlorophenol	6.663	128	219917	52.175	ng	98
9) Benzaldehyde	6.428	77	32015	10.310	ng	96
10) Phenol	6.528	94	284500	51.973	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	211224	50.769	ng	99
12) 1,3-Dichlorobenzene	6.822	146	231585	48.311	ng	98
13) 1,4-Dichlorobenzene	6.898	146	235174	48.548	ng	98
14) 1,2-Dichlorobenzene	7.045	146	227331	49.665	ng	98
15) Benzyl Alcohol	7.022	79	205226	47.861	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	379769	59.229	ng	97
17) 2-Methylphenol	7.134	107	174309	52.050	ng	98
18) Hexachloroethane	7.386	117	87424	47.383	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	159307	50.019	ng	98
20) 3+4-Methylphenols	7.287	107	221682	48.520	ng	# 86
22) Acetophenone	7.287	105	302448	47.459	ng	97
24) Nitrobenzene	7.463	77	251829	47.187	ng	97
25) Isophorone	7.698	82	426033	51.951	ng	99
26) 2-Nitrophenol	7.775	139	114314	54.980	ng	91
27) 2,4-Dimethylphenol	7.810	122	172744m	62.985	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	245689	52.568	ng	98
29) 2,4-Dichlorophenol	8.016	162	176621	50.692	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	191980	47.289	ng	99
31) Naphthalene	8.181	128	638978	50.210	ng	100
32) Benzoic acid	7.934	122	119909	46.718	ng	91
33) 4-Chloroaniline	8.234	127	102201	26.251	ng	96
34) Hexachlorobutadiene	8.298	225	123247	44.685	ng	99
35) Caprolactam	8.598	113	63051m	58.828	ng	
36) 4-Chloro-3-methylphenol	8.716	107	202045	50.740	ng	97
37) 2-Methylnaphthalene	8.875	142	405357	50.182	ng	100
38) 1-Methylnaphthalene	8.969	142	379288	47.827	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	190278	48.648	ng	98
41) Hexachlorocyclopentadiene	9.022	237	231088	169.212	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	132351	52.011	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138739	51.687	ng	97
46) 1,1'-Biphenyl	9.333	154	504180	49.657	ng	99
47) 2-Chloronaphthalene	9.363	162	383539	50.522	ng	99
48) 2-Nitroaniline	9.457	65	150875	53.433	ng	100
49) Acenaphthylene	9.775	152	636307	55.682	ng	99
50) Dimethylphthalate	9.639	163	452581	52.248	ng	100
51) 2,6-Dinitrotoluene	9.698	165	100505	52.376	ng	96
52) Acenaphthene	9.951	154	456813	57.276	ng	100
53) 3-Nitroaniline	9.869	138	75409	39.322	ng	92
54) 2,4-Dinitrophenol	9.980	184	117085	109.501	ng	# 84
55) Dibenzofuran	10.122	168	574416	51.673	ng	96
56) 4-Nitrophenol	10.033	139	159362	100.428	ng	# 84
57) 2,4-Dinitrotoluene	10.104	165	142062	54.836	ng	95
58) Fluorene	10.463	166	459032	50.610	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	118482	53.359	ng	96
60) Diethylphthalate	10.333	149	455967	51.009	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	216279	49.066	ng	95
62) 4-Nitroaniline	10.486	138	107500	51.362	ng	# 85
63) Azobenzene	10.616	77	460287	52.353	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	75217	56.175	ng	96
66) n-Nitrosodiphenylamine	10.575	169	393156	53.006	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	129987	51.704	ng	96
68) Hexachlorobenzene	11.010	284	145405	49.280	ng	99
69) Atrazine	11.098	200	123529	69.956	ng	99
70) Pentachlorophenol	11.204	266	164064	92.667	ng	98
71) Phenanthrene	11.427	178	652052	53.273	ng	100
72) Anthracene	11.480	178	662477	55.358	ng	100
73) Carbazole	11.633	167	586109	51.172	ng	99
74) Di-n-butylphthalate	11.957	149	654618	51.306	ng	100
75) Fluoranthene	12.610	202	615961	47.124	ng	98
77) Benzidine	12.733	184	152485	86.658	ng	99
78) Pyrene	12.839	202	613460	58.173	ng	100
80) Butylbenzylphthalate	13.457	149	187232	52.161	ng	98
81) Benzo(a)anthracene	14.027	228	439951	54.079	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	110036	46.186	ng	98
83) Chrysene	14.063	228	409097	54.659	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	224510	49.167	ng	100
85) Di-n-octyl phthalate	14.627	149	363397	54.038	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	490243	58.233	ng	96
88) Benzo(b)fluoranthene	15.080	252	416602	47.712	ng	99
89) Benzo(k)fluoranthene	15.110	252	426128m	52.930	ng	
90) Benzo(a)pyrene	15.451	252	413129	57.050	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	391503	56.278	ng	98
92) Benzo(g,h,i)perylene	17.439	276	366776	53.250	ng	# 97

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

