

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139684.D
 Acq On : 07 Oct 2024 14:06
 Operator : RC/JU
 Sample : PB163870BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163870BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 14:37:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	94125	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	362215	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	211552	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	422078	20.000	ng	0.00
76) Chrysene-d12	14.039	240	262010	20.000	ng	0.00
86) Perylene-d12	15.504	264	193748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	747625	137.670	ng	0.02
7) Phenol-d6	6.510	99	1004408	137.535	ng	0.00
23) Nitrobenzene-d5	7.433	82	654705	91.514	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	287264	140.665	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1217480	88.350	ng	0.00
79) Terphenyl-d14	12.980	244	1483420	92.899	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	96063	40.915	ng	99
3) Pyridine	3.481	79	259391	45.426	ng	97
4) n-Nitrosodimethylamine	3.446	42	176325	47.175	ng	95
6) Aniline	6.534	93	357660	55.191	ng	91
8) 2-Chlorophenol	6.657	128	292354	50.248	ng	98
9) Benzaldehyde	6.416	77	97526	25.210	ng	100
10) Phenol	6.522	94	383428	49.932	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	291194	46.573	ng	99
12) 1,3-Dichlorobenzene	6.810	146	297434	45.443	ng	99
13) 1,4-Dichlorobenzene	6.886	146	302330	45.607	ng	99
14) 1,2-Dichlorobenzene	7.039	146	288814	46.486	ng	99
15) Benzyl Alcohol	7.016	79	278345	49.883	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	513162	47.410	ng	81
17) 2-Methylphenol	7.128	107	237248	48.844	ng	98
18) Hexachloroethane	7.381	117	112762	45.604	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	220839	47.036	ng	98
20) 3+4-Methylphenols	7.281	107	301304	49.387	ng	96
22) Acetophenone	7.281	105	398132	46.306	ng	98
24) Nitrobenzene	7.457	77	336258	45.391	ng	98
25) Isophorone	7.692	82	604123	47.544	ng	99
26) 2-Nitrophenol	7.769	139	156979	49.291	ng	100
27) 2,4-Dimethylphenol	7.804	122	230571	59.140	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	359753	47.413	ng	99
29) 2,4-Dichlorophenol	8.010	162	254322	50.011	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	252460	43.899	ng	98
31) Naphthalene	8.175	128	859351	46.402	ng	99
32) Benzoic acid	7.945	122	191266	49.337	ng	98
33) 4-Chloroaniline	8.222	127	208940	33.330	ng	100
34) Hexachlorobutadiene	8.286	225	161228	43.321	ng	99
35) Caprolactam	8.598	113	88920m	53.312	ng	
36) 4-Chloro-3-methylphenol	8.710	107	288898	50.186	ng	100
37) 2-Methylnaphthalene	8.863	142	567900	47.083	ng	99
38) 1-Methylnaphthalene	8.963	142	526217	44.633	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	268549	45.714	ng	98
41) Hexachlorocyclopentadiene	9.016	237	305606	169.661	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	189635	47.885	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139684.D
 Acq On : 07 Oct 2024 14:06
 Operator : RC/JU
 Sample : PB163870BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163870BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 14:37:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	202047	47.310	ng	99
46) 1,1'-Biphenyl	9.327	154	716705	45.550	ng	99
47) 2-Chloronaphthalene	9.357	162	533501	45.228	ng	99
48) 2-Nitroaniline	9.451	65	212412	50.164	ng	99
49) Acenaphthylene	9.769	152	909850	50.720	ng	100
50) Dimethylphthalate	9.633	163	675403	48.771	ng	100
51) 2,6-Dinitrotoluene	9.698	165	149188	47.690	ng	94
52) Acenaphthene	9.939	154	652761m	53.006	ng	
53) 3-Nitroaniline	9.863	138	132104	41.323	ng	99
54) 2,4-Dinitrophenol	9.974	184	185175	110.053	ng	99
55) Dibenzofuran	10.116	168	828644	48.058	ng	100
56) 4-Nitrophenol	10.033	139	247471	101.511	ng	98
57) 2,4-Dinitrotoluene	10.104	165	206106	50.404	ng	96
58) Fluorene	10.457	166	650992	47.402	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	179907	52.156	ng	97
60) Diethylphthalate	10.327	149	695935	48.654	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	316625	46.084	ng	98
62) 4-Nitroaniline	10.486	138	169491	51.832	ng	98
63) Azobenzene	10.610	77	699045	48.596	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	121521	50.977	ng	98
66) n-Nitrosodiphenylamine	10.569	169	587738	47.241	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	196327	45.366	ng	99
68) Hexachlorobenzene	11.004	284	218225	45.444	ng	99
69) Atrazine	11.098	200	193431	57.947	ng	99
70) Pentachlorophenol	11.204	266	255798	89.459	ng	99
71) Phenanthrene	11.421	178	962777	48.378	ng	100
72) Anthracene	11.474	178	983017	49.929	ng	100
73) Carbazole	11.627	167	923233	48.823	ng	100
74) Di-n-butylphthalate	11.951	149	1113613	48.429	ng	100
75) Fluoranthene	12.610	202	1066528	49.024	ng	100
77) Benzidine	12.727	184	460221	99.582	ng	100
78) Pyrene	12.839	202	1092128	46.605	ng	99
80) Butylbenzylphthalate	13.451	149	437098	52.147	ng	99
81) Benzo(a)anthracene	14.027	228	849404	49.309	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	212513	40.310	ng	99
83) Chrysene	14.062	228	769028	48.830	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	578078	55.230	ng	100
85) Di-n-octyl phthalate	14.621	149	824602	53.626	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	577261	50.621	ng	100
88) Benzo(b)fluoranthene	15.074	252	639903	51.080	ng	99
89) Benzo(k)fluoranthene	15.104	252	523311	49.245	ng	99
90) Benzo(a)pyrene	15.445	252	522929	52.940	ng	100
91) Dibenzo(a,h)anthracene	17.003	278	476396	50.368	ng	99
92) Benzo(g,h,i)perylene	17.433	276	440789	46.469	ng	99

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

