

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061124\
 Data File : BF138185.D
 Acq On : 11 Jun 2024 13:36
 Operator : CG\JU
 Sample : PB161404BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161404BS

Quant Time: Jun 11 14:26:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	432075	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	1690654	20.000	ng	-0.01
39) Acenaphthene-d10	9.939	164	948474	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1695661	20.000	ng	0.00
76) Chrysene-d12	14.068	240	1163718	20.000	ng	0.00
86) Perylene-d12	15.539	264	887685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	3096660	122.142	ng	0.00
7) Phenol-d6	6.534	99	3967895	123.698	ng	0.00
23) Nitrobenzene-d5	7.469	82	2393366	96.317	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1217957	133.433	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4431988	81.705	ng	0.00
79) Terphenyl-d14	13.015	244	5327251	68.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	400786	34.491	ng	97
3) Pyridine	3.540	79	1001954	35.190	ng	97
4) n-Nitrosodimethylamine	3.504	42	576547	41.248	ng	88
6) Aniline	6.563	93	924854	28.436	ng	98
8) 2-Chlorophenol	6.686	128	1299398	47.375	ng	96
9) Benzaldehyde	6.451	77	674845	43.991	ng	96
10) Phenol	6.545	94	1507713m	45.749	ng	
11) bis(2-Chloroethyl)ether	6.639	93	1183779	44.807	ng	97
12) 1,3-Dichlorobenzene	6.839	146	1313404	41.793	ng	98
13) 1,4-Dichlorobenzene	6.916	146	1338185	42.280	ng	98
14) 1,2-Dichlorobenzene	7.069	146	1291896	43.484	ng	99
15) Benzyl Alcohol	7.045	79	1057707	46.602	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1718508	44.308	ng	98
17) 2-Methylphenol	7.151	107	1009380	45.467	ng	97
18) Hexachloroethane	7.410	117	472470	43.736	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	880158	43.032	ng	98
20) 3+4-Methylphenols	7.304	107	1234256	44.680	ng	93
22) Acetophenone	7.310	105	1661359	42.685	ng	# 92
24) Nitrobenzene	7.486	77	1278600	47.234	ng	95
25) Isophorone	7.722	82	2402032	43.878	ng	100
26) 2-Nitrophenol	7.798	139	639903	54.163	ng	95
27) 2,4-Dimethylphenol	7.833	122	951376	50.032	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	1468686	44.044	ng	99
29) 2,4-Dichlorophenol	8.039	162	1084544	47.323	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	1160848	41.979	ng	99
31) Naphthalene	8.204	128	3497933	42.776	ng	98
32) Benzoic acid	7.969	122	844293	54.820	ng	98
33) 4-Chloroaniline	8.251	127	685829	22.315	ng	97
34) Hexachlorobutadiene	8.322	225	655149	40.317	ng	99
35) Caprolactam	8.633	113	346748m	45.311	ng	
36) 4-Chloro-3-methylphenol	8.733	107	1097470	46.729	ng	99
37) 2-Methylnaphthalene	8.898	142	2362912	42.864	ng	100
38) 1-Methylnaphthalene	8.992	142	2199188	40.745	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1161346	43.369	ng	99
41) Hexachlorocyclopentadiene	9.045	237	1029115	116.416	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	799313	49.163	ng	99

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44) 2,4,5-Trichlorophenol	9.216	196	869485	48.533	ng	97
46) 1,1'-Biphenyl	9.363	154	2882429	43.265	ng	99
47) 2-Chloronaphthalene	9.386	162	2264485	42.650	ng	99
48) 2-Nitroaniline	9.480	65	671162	50.585	ng	95
49) Acenaphthylene	9.804	152	3469953	46.183	ng	98
50) Dimethylphthalate	9.663	163	2681107	44.987	ng	99
51) 2,6-Dinitrotoluene	9.727	165	614969	47.577	ng	# 83
52) Acenaphthene	9.975	154	2198362	43.303	ng	99
53) 3-Nitroaniline	9.892	138	461981	36.438	ng	99
54) 2,4-Dinitrophenol	9.998	184	619949	103.947	ng	96
55) Dibenzofuran	10.145	168	3183632	44.336	ng	98
56) 4-Nitrophenol	10.057	139	1077662	118.887	ng	94
57) 2,4-Dinitrotoluene	10.127	165	807871	52.063	ng	95
58) Fluorene	10.492	166	2453626	43.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	722942	51.161	ng	99
60) Diethylphthalate	10.363	149	2543888	43.725	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	1217233	42.010	ng	98
62) 4-Nitroaniline	10.516	138	613669	55.165	ng	91
63) Azobenzene	10.639	77	2509032	44.775	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	418981	60.239	ng	94
66) n-Nitrosodiphenylamine	10.604	169	2253498	44.504	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	846745	43.856	ng	98
68) Hexachlorobenzene	11.033	284	950326	42.339	ng	96
69) Atrazine	11.127	200	786076	48.250	ng	98
70) Pentachlorophenol	11.227	266	1137200	94.644	ng	99
71) Phenanthrene	11.451	178	3626742	44.429	ng	99
72) Anthracene	11.504	178	3584233	44.023	ng	99
73) Carbazole	11.657	167	3356359	45.078	ng	99
74) Di-n-butylphthalate	11.986	149	3842912	43.910	ng	100
75) Fluoranthene	12.639	202	3846918	43.677	ng	98
77) Benzidine	12.757	184	173822	14.515	ng	100
78) Pyrene	12.868	202	3926760	37.311	ng	99
80) Butylbenzylphthalate	13.486	149	1609982	46.327	ng	96
81) Benzo(a)anthracene	14.057	228	3227091	43.954	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	810608	43.560	ng	99
83) Chrysene	14.092	228	3095240	43.928	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	2160543	42.671	ng	98
85) Di-n-octyl phthalate	14.657	149	3331542	47.802	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	2943547	59.969	ng	99
88) Benzo(b)fluoranthene	15.109	252	2710542	48.572	ng	99
89) Benzo(k)fluoranthene	15.139	252	2631638	49.451	ng	97
90) Benzo(a)pyrene	15.480	252	2339679	55.359	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	2418721	61.458	ng	98
92) Benzo(g,h,i)perylene	17.492	276	2356326	58.038	ng	99

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

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