

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140115.D
 Acq On : 29 Oct 2024 16:52
 Operator : RC/JU
 Sample : PB164497BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164497BS

Quant Time: Oct 29 17:23:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	134081	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	526800	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	296679	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	541600	20.000	ng	0.00
76) Chrysene-d12	14.068	240	283467	20.000	ng	0.02
86) Perylene-d12	15.574	264	279985	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1005816	117.436	ng	0.02
7) Phenol-d6	6.516	99	1271446	114.619	ng	0.00
23) Nitrobenzene-d5	7.451	82	858589	90.331	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	392531	141.450	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1564960	87.179	ng	0.00
79) Terphenyl-d14	13.004	244	1621604	93.216	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	134013	33.559	ng	99
3) Pyridine	3.540	79	361225	36.494	ng	99
4) n-Nitrosodimethylamine	3.487	42	210736	39.626	ng	# 98
6) Aniline	6.551	93	380294	36.785	ng	100
8) 2-Chlorophenol	6.675	128	391765	44.743	ng	99
9) Benzaldehyde	6.440	77	73730	11.815	ng	98
10) Phenol	6.528	94	491410m	42.970	ng	
11) bis(2-Chloroethyl)ether	6.622	93	377812	42.742	ng	98
12) 1,3-Dichlorobenzene	6.828	146	416641	41.453	ng	99
13) 1,4-Dichlorobenzene	6.904	146	423056	42.130	ng	99
14) 1,2-Dichlorobenzene	7.057	146	409193	43.662	ng	99
15) Benzyl Alcohol	7.028	79	371957	45.712	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	654720	43.439	ng	98
17) 2-Methylphenol	7.139	107	333229	44.632	ng	97
18) Hexachloroethane	7.404	117	157457	43.972	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	294832	43.823	ng	97
20) 3+4-Methylphenols	7.287	107	402960	42.196	ng	# 88
22) Acetophenone	7.298	105	542722	42.061	ng	99
24) Nitrobenzene	7.469	77	442746	42.485	ng	99
25) Isophorone	7.710	82	810762	44.941	ng	100
26) 2-Nitrophenol	7.786	139	207301	52.729	ng	99
27) 2,4-Dimethylphenol	7.816	122	333531	50.878	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	481171	44.022	ng	99
29) 2,4-Dichlorophenol	8.022	162	334439	44.790	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	349185	42.263	ng	100
31) Naphthalene	8.192	128	1160966	42.731	ng	100
32) Benzoic acid	7.939	122	246956	43.192	ng	99
33) 4-Chloroaniline	8.234	127	151504	16.353	ng	99
34) Hexachlorobutadiene	8.310	225	228704	44.056	ng	99
35) Caprolactam	8.610	113	107348m	45.214	ng	
36) 4-Chloro-3-methylphenol	8.716	107	375752	45.447	ng	100
37) 2-Methylnaphthalene	8.881	142	736849	44.283	ng	100
38) 1-Methylnaphthalene	8.981	142	688682	42.185	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	349335	43.645	ng	99
41) Hexachlorocyclopentadiene	9.039	237	460165	165.231	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	263599	46.517	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	262655	44.925	ng	99
46) 1,1'-Biphenyl	9.351	154	895803	43.374	ng	99
47) 2-Chloronaphthalene	9.375	162	711275	42.759	ng	100
48) 2-Nitroaniline	9.469	65	255976	50.315	ng	96
49) Acenaphthylene	9.792	152	1114577	46.347	ng	99
50) Dimethylphthalate	9.651	163	850212	46.008	ng	100
51) 2,6-Dinitrotoluene	9.710	165	187823	46.942	ng	99
52) Acenaphthene	9.963	154	791274	50.864	ng	99
53) 3-Nitroaniline	9.875	138	108242	26.233	ng	97
54) 2,4-Dinitrophenol	9.986	184	214865	125.230	ng	# 1
55) Dibenzofuran	10.133	168	988065	44.268	ng	99
56) 4-Nitrophenol	10.039	139	299741	94.421	ng	98
57) 2,4-Dinitrotoluene	10.116	165	256926	52.217	ng	99
58) Fluorene	10.480	166	751304	44.193	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	216857	47.315	ng	99
60) Diethylphthalate	10.351	149	843710	46.500	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	385321	44.882	ng	99
62) 4-Nitroaniline	10.498	138	185310	47.552	ng	97
63) Azobenzene	10.627	77	849003	44.137	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	145407	65.820	ng	96
66) n-Nitrosodiphenylamine	10.586	169	703269	43.385	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	248194	44.483	ng	99
68) Hexachlorobenzene	11.027	284	278904	44.446	ng	96
69) Atrazine	11.116	200	239045	54.439	ng	99
70) Pentachlorophenol	11.222	266	330845	86.873	ng	99
71) Phenanthrene	11.445	178	1107026	43.272	ng	100
72) Anthracene	11.492	178	1137199	45.559	ng	100
73) Carbazole	11.645	167	970394	41.802	ng	99
74) Di-n-butylphthalate	11.974	149	1270038	47.354	ng	99
75) Fluoranthene	12.627	202	1110887	42.954	ng	99
77) Benzidine	12.745	184	295516	63.400	ng	99
78) Pyrene	12.863	202	1098847	44.286	ng	99
80) Butylbenzylphthalate	13.474	149	413946	55.646	ng	99
81) Benzo(a)anthracene	14.057	228	839948	45.519	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	166286	30.907	ng	99
83) Chrysene	14.098	228	795671	47.028	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	519162	62.204	ng	99
85) Di-n-octyl phthalate	14.686	149	819762	54.001	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	884533	49.108	ng	98
88) Benzo(b)fluoranthene	15.139	252	801628	47.001	ng	99
89) Benzo(k)fluoranthene	15.168	252	678134	46.103	ng	99
90) Benzo(a)pyrene	15.515	252	707825	50.437	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	718829	47.839	ng	98
92) Benzo(g,h,i)perylene	17.545	276	669263	44.590	ng	100

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

