

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139317.D
 Acq On : 11 Sep 2024 11:20
 Operator : RC/JU
 Sample : PB163259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163259BS

Quant Time: Sep 11 11:42:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	118819	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	444485	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	246640	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	454571	20.000	ng	0.00
76) Chrysene-d12	14.045	240	232797	20.000	ng	0.00
86) Perylene-d12	15.515	264	216721	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	915256	128.860	ng	0.01
7) Phenol-d6	6.516	99	1221986	128.874	ng	0.00
23) Nitrobenzene-d5	7.451	82	804803	94.195	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322090	151.232	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1499918	93.875	ng	0.00
79) Terphenyl-d14	12.992	244	1472037	102.094	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.798	88	111913	33.835	ng	98
3) Pyridine	3.528	79	299957	37.569	ng	99
4) n-Nitrosodimethylamine	3.493	42	217909	42.029	ng	99
6) Aniline	6.545	93	385493	44.211	ng	# 88
8) 2-Chlorophenol	6.669	128	344303	46.774	ng	98
9) Benzaldehyde	6.434	77	84306	14.688	ng	99
10) Phenol	6.534	94	448884	44.882	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	331061	46.203	ng	100
12) 1,3-Dichlorobenzene	6.828	146	356386	42.774	ng	100
13) 1,4-Dichlorobenzene	6.904	146	360635	43.244	ng	99
14) 1,2-Dichlorobenzene	7.051	146	345175	44.379	ng	100
15) Benzyl Alcohol	7.022	79	332791	48.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	618391	45.336	ng	96
17) 2-Methylphenol	7.133	107	276302	45.951	ng	98
18) Hexachloroethane	7.398	117	134898	45.291	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	262984	48.156	ng	98
20) 3+4-Methylphenols	7.286	107	349975	46.182	ng	96
22) Acetophenone	7.292	105	471379	44.515	ng	98
24) Nitrobenzene	7.469	77	390059	43.012	ng	99
25) Isophorone	7.704	82	705481	48.296	ng	100
26) 2-Nitrophenol	7.781	139	176751	49.624	ng	98
27) 2,4-Dimethylphenol	7.816	122	285607	56.225	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	404290	46.454	ng	99
29) 2,4-Dichlorophenol	8.022	162	288610	47.452	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	303645	43.712	ng	100
31) Naphthalene	8.186	128	1007983	44.781	ng	100
32) Benzoic acid	7.933	122	199270	43.067	ng	97
33) 4-Chloroaniline	8.233	127	256247	32.878	ng	99
34) Hexachlorobutadiene	8.304	225	200457	45.541	ng	98
35) Caprolactam	8.604	113	90058m	47.829	ng	
36) 4-Chloro-3-methylphenol	8.716	107	318198	48.009	ng	99
37) 2-Methylnaphthalene	8.880	142	666196	47.305	ng	98
38) 1-Methylnaphthalene	8.980	142	617162	44.559	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	310428	44.486	ng	98
41) Hexachlorocyclopentadiene	9.033	237	398203	177.563	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	221877	48.597	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	225268	47.083	ng	99
46) 1,1'-Biphenyl	9.345	154	816935	44.706	ng	99
47) 2-Chloronaphthalene	9.369	162	620144	44.944	ng	100
48) 2-Nitroaniline	9.463	65	229129	48.211	ng	97
49) Acenaphthylene	9.786	152	1000585	48.146	ng	99
50) Dimethylphthalate	9.645	163	727045	48.635	ng	99
51) 2,6-Dinitrotoluene	9.710	165	157415	46.417	ng	98
52) Acenaphthene	9.957	154	722772	52.436	ng	99
53) 3-Nitroaniline	9.874	138	126509	35.012	ng	95
54) 2,4-Dinitrophenol	9.980	184	178204	98.385	ng	# 72
55) Dibenzofuran	10.127	168	923940	46.753	ng	99
56) 4-Nitrophenol	10.039	139	270847	101.559	ng	97
57) 2,4-Dinitrotoluene	10.110	165	210992	48.881	ng	97
58) Fluorene	10.474	166	714771	46.650	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	191697	50.900	ng	99
60) Diethylphthalate	10.345	149	724564	49.252	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	348108	47.112	ng	98
62) 4-Nitroaniline	10.492	138	165634	48.157	ng	98
63) Azobenzene	10.621	77	741570	47.828	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	111993	53.320	ng	92
66) n-Nitrosodiphenylamine	10.586	169	620892	46.924	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	208492	47.273	ng	97
68) Hexachlorobenzene	11.016	284	231519	45.855	ng	97
69) Atrazine	11.110	200	198169	64.914	ng	100
70) Pentachlorophenol	11.210	266	280036	96.017	ng	99
71) Phenanthrene	11.433	178	1009081	47.518	ng	99
72) Anthracene	11.486	178	1025146	49.418	ng	100
73) Carbazole	11.639	167	924121	47.664	ng	100
74) Di-n-butylphthalate	11.968	149	1070727	53.936	ng	100
75) Fluoranthene	12.621	202	1037754	48.745	ng	100
77) Benzidine	12.739	184	279885	59.709	ng	99
78) Pyrene	12.851	202	1051919	46.776	ng	100
80) Butylbenzylphthalate	13.468	149	343727	64.928	ng	98
81) Benzo(a)anthracene	14.033	228	734668	49.422	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	169569	42.953	ng	99
83) Chrysene	14.074	228	647805	46.692	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	395954	63.723	ng	100
85) Di-n-octyl phthalate	14.639	149	611576	51.408	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	663398	48.999	ng	97
88) Benzo(b)fluoranthene	15.086	252	638707	51.175	ng	100
89) Benzo(k)fluoranthene	15.115	252	519519	46.424	ng	100
90) Benzo(a)pyrene	15.456	252	554330	52.305	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	540817	48.472	ng	99
92) Benzo(g,h,i)perylene	17.450	276	503293	43.701	ng	98

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

