

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133748.D
 Acq On : 14 Jun 2023 12:38
 Operator : CG\JU
 Sample : PB153411BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153411BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 14 13:01:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	125872	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	492314	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	244228	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	461860	20.000	ng	0.00
76) Chrysene-d12	14.004	240	231708	20.000	ng	-0.01
86) Perylene-d12	15.468	264	247677	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	722400	99.913	ng	0.01
7) Phenol-d6	6.469	99	852263	90.557	ng	0.00
23) Nitrobenzene-d5	7.404	82	589155	65.181	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	268308	86.789	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1063880	61.923	ng	0.00
79) Terphenyl-d14	12.951	244	1050288	70.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	82202	25.860	ng	95
3) Pyridine	3.363	79	231752	25.014	ng	96
4) n-Nitrosodimethylamine	3.316	42	173960	33.967	ng	99
6) Aniline	6.493	93	377336	31.832	ng	96
8) 2-Chlorophenol	6.616	128	272085	35.709	ng	96
9) Benzaldehyde	6.381	77	156926	25.132	ng	95
10) Phenol	6.481	94	332224	33.806	ng	92
11) bis(2-Chloroethyl)ether	6.569	93	252933	34.669	ng	97
12) 1,3-Dichlorobenzene	6.775	146	293704	36.077	ng	99
13) 1,4-Dichlorobenzene	6.851	146	296716	36.060	ng	97
14) 1,2-Dichlorobenzene	7.004	146	281577	37.871	ng	97
15) Benzyl Alcohol	6.975	79	251438	34.206	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	446269	36.084	ng	99
17) 2-Methylphenol	7.087	107	220930	32.713	ng	98
18) Hexachloroethane	7.345	117	112343	39.881	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	190343	31.788	ng	98
20) 3+4-Methylphenols	7.240	107	273732	31.157	ng	95
22) Acetophenone	7.245	105	381142	33.755	ng	96
24) Nitrobenzene	7.422	77	304054	33.407	ng	97
25) Isophorone	7.657	82	527665	31.798	ng	99
26) 2-Nitrophenol	7.734	139	147995	36.232	ng	99
27) 2,4-Dimethylphenol	7.769	122	233418	33.154	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	302196	31.509	ng	99
29) 2,4-Dichlorophenol	7.975	162	222612	32.262	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	240598	33.421	ng	99
31) Naphthalene	8.140	128	769581	32.085	ng	99
32) Benzoic acid	7.893	122	167058	37.624	ng	97
33) 4-Chloroaniline	8.187	127	256546	25.015	ng	99
34) Hexachlorobutadiene	8.251	225	151393	32.120	ng	99
35) Caprolactam	8.563	113	76966m	33.149	ng	
36) 4-Chloro-3-methylphenol	8.669	107	253954	31.930	ng	98
37) 2-Methylnaphthalene	8.828	142	507554	30.456	ng	99
38) 1-Methylnaphthalene	8.928	142	482301	31.450	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	242821	32.704	ng	99
41) Hexachlorocyclopentadiene	8.981	237	301438	91.105	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	163273	32.908	ng	95

06/15/2023
 Supervised By :mohammad
 Ahmed

06/16/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.151	196	175159	30.346	ng	96	06/15/2023
46) 1,1'-Biphenyl	9.292	154	637512	32.365	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.322	162	460847	32.617	ng	98	
48) 2-Nitroaniline	9.416	65	172868	33.453	ng	96	
49) Acenaphthylene	9.739	152	788280	32.054	ng	99	
50) Dimethylphthalate	9.598	163	556840	30.546	ng	100	
51) 2,6-Dinitrotoluene	9.663	165	125273	33.293	ng	95	06/16/2023
52) Acenaphthene	9.910	154	463689	32.213	ng	99	
53) 3-Nitroaniline	9.828	138	127699	27.888	ng	91	
54) 2,4-Dinitrophenol	9.939	184	143977	78.424	ng	91	
55) Dibenzofuran	10.081	168	702198	31.970	ng	96	
56) 4-Nitrophenol	9.992	139	214304	69.346	ng	# 75	
57) 2,4-Dinitrotoluene	10.069	165	169999	35.524	ng	87	
58) Fluorene	10.428	166	540394	32.172	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.198	232	148473	34.357	ng	97	
60) Diethylphthalate	10.298	149	573232	30.896	ng	99	
61) 4-Chlorophenyl-phenyle...	10.416	204	254923	30.743	ng	99	
62) 4-Nitroaniline	10.445	138	144093	32.095	ng	91	
63) Azobenzene	10.575	77	554442	31.567	ng	97	
65) 4,6-Dinitro-2-methylph...	10.475	198	92088	41.726	ng	90	
66) n-Nitrosodiphenylamine	10.534	169	487274	31.409	ng	99	
67) 4-Bromophenyl-phenylether	10.904	248	160352	31.106	ng	98	
68) Hexachlorobenzene	10.969	284	180226	33.247	ng	98	
69) Atrazine	11.063	200	159363	35.403	ng	97	
70) Pentachlorophenol	11.169	266	195285	60.161	ng	98	
71) Phenanthrene	11.386	178	771223	32.913	ng	99	
72) Anthracene	11.439	178	779724	31.913	ng	99	
73) Carbazole	11.598	167	733722	32.243	ng	99	
74) Di-n-butylphthalate	11.922	149	823454	28.227	ng	99	
75) Fluoranthene	12.575	202	781032	31.387	ng	97	
77) Benzidine	12.698	184	441167	56.740	ng	99	
78) Pyrene	12.810	202	779772	36.127	ng	100	
80) Butylbenzylphthalate	13.422	149	262628	28.821	ng	95	
81) Benzo(a)anthracene	13.998	228	534023	33.320	ng	99	
82) 3,3'-Dichlorobenzidine	13.957	252	165524	31.064	ng	98	
83) Chrysene	14.033	228	494231	32.603	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.980	149	287606	25.634	ng	99	
85) Di-n-octyl phthalate	14.598	149	458981	28.787	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.933	276	645457	37.880	ng	99	
88) Benzo(b)fluoranthene	15.039	252	511181	33.976	ng	99	
89) Benzo(k)fluoranthene	15.074	252	454085	30.983	ng	98	
90) Benzo(a)pyrene	15.404	252	437111	31.304	ng	99	
91) Dibenzo(a,h)anthracene	16.951	278	519115	36.799	ng	98	
92) Benzo(g,h,i)perylene	17.380	276	538390	38.493	ng	98	

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

