

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133806.D
 Acq On : 16 Jun 2023 14:43
 Operator : CG\JU
 Sample : PB153422BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153422BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 06/19/2023

Supervised By :mohammad
 ahmed
 06/20/2023

Quant Time: Jun 16 15:16:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	101049	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	396754	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	198932	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	411743	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261332	20.000	ng	0.00
86) Perylene-d12	15.557	264	236897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	817228	140.794	ng	0.01
7) Phenol-d6	6.504	99	986353	130.550	ng	0.00
23) Nitrobenzene-d5	7.428	82	667262	91.602	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	321382	127.628	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1205067	86.111	ng	0.00
79) Terphenyl-d14	12.992	244	1580943	93.608	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	96626	37.865	ng	97
3) Pyridine	3.493	79	267731	35.996	ng	97
4) n-Nitrosodimethylamine	3.451	42	187337	45.565	ng	96
6) Aniline	6.528	93	434692	45.679	ng	99
8) 2-Chlorophenol	6.651	128	316033	51.665	ng	97
9) Benzaldehyde	6.416	77	161362	32.191	ng	97
10) Phenol	6.516	94	380917	48.283	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	291343	49.743	ng	99
12) 1,3-Dichlorobenzene	6.804	146	335171	51.284	ng	97
13) 1,4-Dichlorobenzene	6.881	146	339351	51.373	ng	98
14) 1,2-Dichlorobenzene	7.034	146	329968	55.282	ng	97
15) Benzyl Alcohol	7.010	79	283077	47.971	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	536468	54.034	ng	98
17) 2-Methylphenol	7.116	107	262148	48.351	ng	99
18) Hexachloroethane	7.375	117	126583	55.975	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	221784	46.137	ng	99
20) 3+4-Methylphenols	7.269	107	310916	44.082	ng	93
22) Acetophenone	7.275	105	435361	47.843	ng	98
24) Nitrobenzene	7.451	77	344234	46.931	ng	97
25) Isophorone	7.686	82	616300	46.085	ng	98
26) 2-Nitrophenol	7.763	139	166661	50.629	ng	95
27) 2,4-Dimethylphenol	7.798	122	279763	49.308	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	364294	47.132	ng	99
29) 2,4-Dichlorophenol	8.004	162	262005	47.117	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	283590	48.881	ng	98
31) Naphthalene	8.169	128	889593	46.022	ng	99
32) Benzoic acid	7.922	122	197979	55.327	ng	95
33) 4-Chloroaniline	8.216	127	282648	34.198	ng	98
34) Hexachlorobutadiene	8.281	225	174489	45.936	ng	98
35) Caprolactam	8.586	113	89955m	48.075	ng	
36) 4-Chloro-3-methylphenol	8.698	107	298714	46.604	ng	100
37) 2-Methylnaphthalene	8.857	142	609356	45.371	ng	99
38) 1-Methylnaphthalene	8.957	142	563293	45.578	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	286150	47.316	ng	98
41) Hexachlorocyclopentadiene	9.010	237	339884	126.114	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	192835	47.716	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	214097	45.537	ng	98
46) 1,1'-Biphenyl	9.322	154	759145	47.316	ng	99
47) 2-Chloronaphthalene	9.345	162	562098	48.841	ng	99
48) 2-Nitroaniline	9.445	65	183787	43.665	ng	96
49) Acenaphthylene	9.763	152	933658	46.611	ng	99
50) Dimethylphthalate	9.627	163	628992	42.360	ng	99
51) 2,6-Dinitrotoluene	9.686	165	147112	47.999	ng	# 75
52) Acenaphthene	9.939	154	550195	46.926	ng	99
53) 3-Nitroaniline	9.857	138	144360	38.705	ng	87
54) 2,4-Dinitrophenol	9.969	184	159682	104.716	ng	98
55) Dibenzofuran	10.110	168	762987	42.647	ng	98
56) 4-Nitrophenol	10.022	139	260049	103.309	ng	# 79
57) 2,4-Dinitrotoluene	10.092	165	182670	46.863	ng	94
58) Fluorene	10.451	166	610540	44.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	162629	46.201	ng	96
60) Diethylphthalate	10.327	149	655479	43.374	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	290247	42.972	ng	99
62) 4-Nitroaniline	10.480	138	162590	44.460	ng	97
63) Azobenzene	10.604	77	668938	46.758	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	100298	50.977	ng	83
66) n-Nitrosodiphenylamine	10.569	169	561497	40.598	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	191952	41.769	ng	93
68) Hexachlorobenzene	10.998	284	219593	45.440	ng	96
69) Atrazine	11.098	200	203706	50.763	ng	97
70) Pentachlorophenol	11.198	266	241719	83.530	ng	99
71) Phenanthrene	11.421	178	972068	46.533	ng	99
72) Anthracene	11.474	178	1009018	46.324	ng	99
73) Carbazole	11.627	167	962687	47.454	ng	99
74) Di-n-butylphthalate	11.957	149	1152194	44.303	ng	99
75) Fluoranthene	12.616	202	1090122	49.141	ng	99
77) Benzidine	12.739	184	695507	79.312	ng	100
78) Pyrene	12.845	202	1116792	45.875	ng	99
80) Butylbenzylphthalate	13.468	149	457168	44.484	ng	100
81) Benzo(a)anthracene	14.045	228	847229	46.869	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	260126	43.284	ng	# 99
83) Chrysene	14.080	228	810814	47.424	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	617061	48.763	ng	98
85) Di-n-octyl phthalate	14.651	149	1021696	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	17.109	276	790767	48.519	ng	99
88) Benzo(b)fluoranthene	15.115	252	738478	51.317	ng	99
89) Benzo(k)fluoranthene	15.145	252	709726	50.630	ng	99
90) Benzo(a)pyrene	15.498	252	629465	47.132	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	649702	48.152	ng	98
92) Benzo(g,h,i)perylene	17.592	276	656523	49.075	ng	97

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

Manual Integrations APPROVED

Supervised By :monammad
ahmed
06/20/2023

Abundance

TIC: BF133806.D\data.ms

06/20/2023

Time-->

1,4-Dioxane

n-Nitrosodimethylamine,

Benzaldehyde

2-Fluorophenol, S

Phenol, d6, S

Phenol, C

2-Chlorophenol

1,4-Dichlorobenzene, C

1,4-Dichlorobenzene, P

2,2'-oxybis(1-Chlorophenol)

Hexachlorocyclopentadiene

Hexachlorobenzene

Nitrobenzene-d5, S

Nitrobenzene

2-Nitrophenol

2,4-Dimethylphenol

Benzoic acid

Naphthalene

2-Chloronaphthalene

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2,4,5-Trichlorophenol, P

2,4,6-Trichlorophenol, P

2-Chloronaphthalene

2-Nitroaniline

2,6-Dimethylphthalate

Acenaphthylene

Acenaphthene, C

Acenaphthylene

Acenaphthene, C

Dibenzofuran

Diethylphthalate

2,3,4,6-Tetrachlorophenol

4-Nitroaniline

2-methylphenol

Azobenzene

n-Nitrosodiphenylamine

2,4,6-Tribromophenol, S

4-Bromodiphenylmethane

Phenanthrene, d10,1

Phenanthrene, C

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl, d14, S

Butylbenzylphthalate

3,3'-Dibenzobenzidine

Benzo(a)anthracene

Di-n-octyl phthalate, c

Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12,1

Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene