

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135491.D
 Acq On : 28 Sep 2023 13:57
 Operator : CG\JU
 Sample : PB155842BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155842BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 29 00:21:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	152883	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	605772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	294813	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	568067	20.000	ng	0.00
76) Chrysene-d12	13.927	240	301717	20.000	ng	0.00
86) Perylene-d12	15.380	264	280088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1106455	117.710	ng	0.01
7) Phenol-d6	6.398	99	1379749	115.437	ng	0.00
23) Nitrobenzene-d5	7.316	82	867463	77.799	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	295592	100.894	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1398977	71.593	ng	0.00
79) Terphenyl-d14	12.868	244	1427013	73.319	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	167720	40.702	ng	93
3) Pyridine	3.287	79	432148	38.966	ng	92
4) n-Nitrosodimethylamine	3.245	42	263664	44.801	ng	91
6) Aniline	6.416	93	452935	28.898	ng	# 84
8) 2-Chlorophenol	6.534	128	445330	44.381	ng	98
9) Benzaldehyde	6.304	77	139634	20.507	ng	98
10) Phenol	6.410	94	534100	40.751	ng	88
11) bis(2-Chloroethyl)ether	6.486	93	436732	44.423	ng	99
12) 1,3-Dichlorobenzene	6.686	146	439660	43.113	ng	97
13) 1,4-Dichlorobenzene	6.763	146	444933	42.884	ng	99
14) 1,2-Dichlorobenzene	6.910	146	416814	43.260	ng	99
15) Benzyl Alcohol	6.898	79	353551	41.221	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.022	45	775211	41.833	ng	86
17) 2-Methylphenol	7.010	107	360486	40.710	ng	97
18) Hexachloroethane	7.251	117	165689	43.221	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	283770	38.330	ng	95
20) 3+4-Methylphenols	7.163	107	426354	40.042	ng	94
22) Acetophenone	7.157	105	562652	40.626	ng	94
24) Nitrobenzene	7.333	77	457552	41.518	ng	98
25) Isophorone	7.569	82	853147	41.669	ng	98
26) 2-Nitrophenol	7.645	139	230579	43.593	ng	98
27) 2,4-Dimethylphenol	7.686	122	366461	41.219	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	523225	42.697	ng	99
29) 2,4-Dichlorophenol	7.892	162	343967	41.752	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	360923	41.915	ng	99
31) Naphthalene	8.045	128	1204391	40.920	ng	99
32) Benzoic acid	7.833	122	263212	39.316	ng	99
33) 4-Chloroaniline	8.104	127	333442	25.821	ng	98
34) Hexachlorobutadiene	8.157	225	202528	39.006	ng	99
35) Caprolactam	8.475	113	119897m	43.364	ng	
36) 4-Chloro-3-methylphenol	8.598	107	387968	42.372	ng	94
37) 2-Methylnaphthalene	8.739	142	750290	37.923	ng	98
38) 1-Methylnaphthalene	8.839	142	716638	38.689	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	345492	40.451	ng	99
41) Hexachlorocyclopentadiene	8.886	237	186739	52.424	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	226760	40.550	ng	100

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44) 2,4,5-Trichlorophenol	9.069	196	252035	39.136	ng	97
46) 1,1'-Biphenyl	9.204	154	922469	40.716	ng	98
47) 2-Chloronaphthalene	9.227	162	707875	43.063	ng	99
48) 2-Nitroaniline	9.333	65	281064	44.011	ng	99
49) Acenaphthylene	9.645	152	1136204	41.590	ng	99
50) Dimethylphthalate	9.510	163	819967	41.137	ng	100
51) 2,6-Dinitrotoluene	9.580	165	185891	42.572	ng	# 80
52) Acenaphthene	9.816	154	666556	41.302	ng	98
53) 3-Nitroaniline	9.745	138	171795	33.517	ng	98
54) 2,4-Dinitrophenol	9.869	184	174403	71.110	ng	93
55) Dibenzofuran	9.986	168	948421	38.511	ng	98
56) 4-Nitrophenol	9.927	139	254361	78.083	ng	97
57) 2,4-Dinitrotoluene	9.986	165	211261	38.647	ng	# 78
58) Fluorene	10.333	166	763150	40.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	208106	42.009	ng	96
60) Diethylphthalate	10.210	149	808584	40.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	349922	38.476	ng	97
62) 4-Nitroaniline	10.369	138	208280	42.274	ng	97
63) Azobenzene	10.486	77	842186	43.018	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	125938	41.740	ng	96
66) n-Nitrosodiphenylamine	10.451	169	715778	41.620	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	222608	39.401	ng	98
68) Hexachlorobenzene	10.880	284	236855	41.150	ng	# 89
69) Atrazine	10.980	200	211387	45.681	ng	97
70) Pentachlorophenol	11.080	266	186663	54.203	ng	98
71) Phenanthrene	11.298	178	1131401	42.111	ng	99
72) Anthracene	11.351	178	1160531	42.023	ng	99
73) Carbazole	11.510	167	1118630	44.496	ng	99
74) Di-n-butylphthalate	11.839	149	1283650	43.332	ng	100
75) Fluoranthene	12.492	202	1211061	43.259	ng	99
77) Benzidine	12.615	184	264455	42.784	ng	99
78) Pyrene	12.721	202	1219357	42.448	ng	100
80) Butylbenzylphthalate	13.345	149	474493	46.915	ng	98
81) Benzo(a)anthracene	13.915	228	831096	42.658	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	224427	36.879	ng	# 98
83) Chrysene	13.951	228	817415	42.199	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	572011	55.114	ng	# 99
85) Di-n-octyl phthalate	14.521	149	848837	51.465	ng	100
87) Indeno(1,2,3-cd)pyrene	16.856	276	803204	43.737	ng	96
88) Benzo(b)fluoranthene	14.962	252	715843	47.212	ng	98
89) Benzo(k)fluoranthene	14.992	252	680949	45.465	ng	99
90) Benzo(a)pyrene	15.321	252	630619	43.614	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	651313	43.346	ng	98
92) Benzo(g,h,i)perylene	17.298	276	684611	43.626	ng	96

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

