

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
 Data File : BF135155.D
 Acq On : 08 Sep 2023 19:42
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/10/2023

Quant Time: Sep 09 02:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 02:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	127550	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	476811	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	241821	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	427238	20.000	ng	0.00
76) Chrysene-d12	13.951	240	198491	20.000	ng	0.00
86) Perylene-d12	15.409	264	227725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1169493	141.893	ng	0.00
7) Phenol-d6	6.428	99	1465259	141.279	ng	0.02
23) Nitrobenzene-d5	7.345	82	1319729	150.663	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	386344	142.072	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2081219	135.145	ng	0.00
79) Terphenyl-d14	12.898	244	1807943	140.252	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	257026	75.262	ng	98
3) Pyridine	3.240	79	707628	78.133	ng	98
4) n-Nitrosodimethylamine	3.228	42	356588	78.642	ng	97
6) Aniline	6.451	93	895382	70.285	ng	97
8) 2-Chlorophenol	6.563	128	585814	68.866	ng	99
9) Benzaldehyde	6.328	77	372478	64.048	ng	98
10) Phenol	6.439	94	742852	68.458	ng	93
11) bis(2-Chloroethyl)ether	6.522	93	571493	71.119	ng	98
12) 1,3-Dichlorobenzene	6.710	146	614439	70.680	ng	99
13) 1,4-Dichlorobenzene	6.787	146	613270	70.232	ng	97
14) 1,2-Dichlorobenzene	6.945	146	550745	67.379	ng	96
15) Benzyl Alcohol	6.928	79	494078	67.146	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	899306	68.909	ng	97
17) 2-Methylphenol	7.034	107	538074	71.732	ng	96
18) Hexachloroethane	7.275	117	232888	72.764	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	432106	69.084	ng	99
20) 3+4-Methylphenols	7.192	107	593991	65.718	ng	95
22) Acetophenone	7.192	105	793507	72.148	ng	# 99
24) Nitrobenzene	7.363	77	660007	74.187	ng	100
25) Isophorone	7.610	82	1250145	76.415	ng	98
26) 2-Nitrophenol	7.675	139	337297	77.673	ng	91
27) 2,4-Dimethylphenol	7.716	122	515583	75.155	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	703714	73.582	ng	99
29) 2,4-Dichlorophenol	7.916	162	493278	73.721	ng	97
30) 1,2,4-Trichlorobenzene	7.992	180	529816	72.616	ng	99
31) Naphthalene	8.075	128	1695145	71.776	ng	100
32) Benzoic acid	7.886	122	446291	84.351	ng	97
33) 4-Chloroaniline	8.128	127	736382	71.579	ng	97
34) Hexachlorobutadiene	8.186	225	303861	72.365	ng	99
35) Caprolactam	8.539	113	165838m	76.593	ng	
36) 4-Chloro-3-methylphenol	8.622	107	551579	73.407	ng	98
37) 2-Methylnaphthalene	8.763	142	1123841	70.140	ng	99
38) 1-Methylnaphthalene	8.863	142	1034389	69.698	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	500570	72.972	ng	100
41) Hexachlorocyclopentadiene	8.910	237	243155	82.598	ng	97
43) 2,4,6-Trichlorophenol	9.045	196	336775	73.987	ng	100

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44) 2,4,5-Trichlorophenol	9.092	196	385342	73.172	ng	99
46) 1,1'-Biphenyl	9.233	154	1316018	70.149	ng	99
47) 2-Chloronaphthalene	9.257	162	1003622	72.060	ng	98
48) 2-Nitroaniline	9.363	65	377929	76.810	ng	94
49) Acenaphthylene	9.675	152	1469746	68.275	ng	99
50) Dimethylphthalate	9.545	163	1287953	74.317	ng	99
51) 2,6-Dinitrotoluene	9.610	165	279485	73.647	ng	94
52) Acenaphthene	9.845	154	960308	71.076	ng	99
53) 3-Nitroaniline	9.780	138	317487	74.259	ng	94
54) 2,4-Dinitrophenol	9.886	184	158668	89.594	ng	96
55) Dibenzofuran	10.016	168	1320837	67.284	ng	99
56) 4-Nitrophenol	9.945	139	221237	77.919	ng	99
57) 2,4-Dinitrotoluene	10.016	165	323034	67.933	ng	# 87
58) Fluorene	10.363	166	1023100	66.419	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.139	232	287976	70.703	ng	98
60) Diethylphthalate	10.245	149	1152314	70.833	ng	98
61) 4-Chlorophenyl-phenyle...	10.351	204	503869	66.522	ng	100
62) 4-Nitroaniline	10.404	138	311415	74.517	ng	99
63) Azobenzene	10.516	77	1149420	71.165	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	213755	84.859	ng	80
66) n-Nitrosodiphenylamine	10.480	169	974449	72.979	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	333717	73.525	ng	98
68) Hexachlorobenzene	10.910	284	360519	74.130	ng	99
69) Atrazine	11.010	200	195218	60.897	ng	98
70) Pentachlorophenol	11.104	266	208186	78.877	ng	97
71) Phenanthrene	11.327	178	1560504	69.920	ng	100
72) Anthracene	11.380	178	1596424	70.068	ng	99
73) Carbazole	11.539	167	1346631	69.525	ng	99
74) Di-n-butylphthalate	11.869	149	1613630	69.919	ng	99
75) Fluoranthene	12.516	202	1468637	66.618	ng	100
77) Benzidine	12.639	184	147385	36.637	ng	98
78) Pyrene	12.745	202	1441386	74.918	ng	98
80) Butylbenzylphthalate	13.374	149	501551	74.610	ng	95
81) Benzo(a)anthracene	13.945	228	979636	72.810	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	295209	71.884	ng	99
83) Chrysene	13.980	228	967255	73.623	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	553189	77.948	ng	99
85) Di-n-octyl phthalate	14.551	149	993820	91.224	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1318605	79.704	ng	100
88) Benzo(b)fluoranthene	14.992	252	998355	72.112	ng	98
89) Benzo(k)fluoranthene	15.021	252	955056m	71.042	ng	
90) Benzo(a)pyrene	15.357	252	983598	75.973	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	1053643	78.018	ng	99
92) Benzo(g,h,i)perylene	17.356	276	1112690	79.858	ng	99

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

