

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133409.D
 Acq On : 17 May 2023 13:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 18:41:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	258382	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1000096	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	508944	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	892106	20.000	ng	0.00
76) Chrysene-d12	13.880	240	533899	20.000	ng	0.00
86) Perylene-d12	15.298	264	515978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1293210	75.607	ng	-0.01
7) Phenol-d6	6.369	99	1549217	72.972	ng	0.00
23) Nitrobenzene-d5	7.287	82	1392626	75.162	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	383864	74.997	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2299178	75.579	ng	0.00
79) Terphenyl-d14	12.827	244	2374966	76.719	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.363	88	294131	37.074	ng	95
3) Pyridine	3.058	79	803095	38.112	ng	94
4) n-Nitrosodimethylamine	3.028	42	359909	32.975	ng	92
6) Aniline	6.381	93	973975	35.619	ng	# 41
8) 2-Chlorophenol	6.504	128	659223	37.959	ng	97
9) Benzaldehyde	6.263	77	393029	40.200	ng	99
10) Phenol	6.381	94	803264	34.297	ng	# 66
11) bis(2-Chloroethyl)ether	6.457	93	653501	37.183	ng	97
12) 1,3-Dichlorobenzene	6.657	146	708055	38.348	ng	98
13) 1,4-Dichlorobenzene	6.734	146	713414	38.553	ng	98
14) 1,2-Dichlorobenzene	6.887	146	655799	38.440	ng	97
15) Benzyl Alcohol	6.869	79	515965	35.183	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	998591	32.713	ng	87
17) 2-Methylphenol	6.987	107	591530	37.198	ng	96
18) Hexachloroethane	7.228	117	246286	38.282	ng	98
19) n-Nitroso-di-n-propyla...	7.140	70	428871	32.449	ng	95
20) 3+4-Methylphenols	7.140	107	715942	38.229	ng	# 82
22) Acetophenone	7.134	105	891314	38.474	ng	95
24) Nitrobenzene	7.304	77	706292	37.618	ng	99
25) Isophorone	7.545	82	1302705	37.031	ng	99
26) 2-Nitrophenol	7.622	139	389025	42.959	ng	94
27) 2,4-Dimethylphenol	7.669	122	599792	38.626	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	778111	37.389	ng	100
29) 2,4-Dichlorophenol	7.869	162	560417	39.645	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	582569	39.780	ng	100
31) Naphthalene	8.028	128	1922902	38.457	ng	99
32) Benzoic acid	7.804	122	337531m	35.190	ng	
33) 4-Chloroaniline	8.081	127	829583	41.063	ng	98
34) Hexachlorobutadiene	8.145	225	320160	39.444	ng	99
35) Caprolactam	8.457	113	192081m	40.448	ng	
36) 4-Chloro-3-methylphenol	8.569	107	589353	38.662	ng	96
37) 2-Methylnaphthalene	8.716	142	1289206	37.713	ng	98
38) 1-Methylnaphthalene	8.816	142	1223692	38.265	ng	99
40) 1,2,4,5-Tetrachloroben...	8.887	216	526984	38.511	ng	99
41) Hexachlorocyclopentadiene	8.869	237	315004	39.471	ng	98
43) 2,4,6-Trichlorophenol	8.998	196	363917	38.455	ng	99

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44) 2,4,5-Trichlorophenol	9.045	196	420134	38.387	ng	97
46) 1,1'-Biphenyl	9.181	154	1515728	37.558	ng	99
47) 2-Chloronaphthalene	9.204	162	1137295	38.502	ng	99
48) 2-Nitroaniline	9.304	65	364616	37.349	ng	99
49) Acenaphthylene	9.616	152	1770358	37.509	ng	99
50) Dimethylphthalate	9.486	163	1387691	39.103	ng	99
51) 2,6-Dinitrotoluene	9.545	165	314582	39.385	ng	96
52) Acenaphthene	9.792	154	1183267m	37.432	ng	
53) 3-Nitroaniline	9.716	138	382130	40.236	ng	97
54) 2,4-Dinitrophenol	9.828	184	149260	37.177	ng	92
55) Dibenzofuran	9.963	168	1583648	36.726	ng	98
56) 4-Nitrophenol	9.892	139	272444	37.038	ng	96
57) 2,4-Dinitrotoluene	9.951	165	400579	39.326	ng	# 95
58) Fluorene	10.304	166	1202316	38.058	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	320317	37.751	ng	97
60) Diethylphthalate	10.181	149	1283291	38.284	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	587812	38.181	ng	99
62) 4-Nitroaniline	10.334	138	364930	41.808	ng	96
63) Azobenzene	10.457	77	1266634	35.670	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	226020	41.799	ng	85
66) n-Nitrosodiphenylamine	10.422	169	1085889	37.525	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	367951	38.030	ng	98
68) Hexachlorobenzene	10.857	284	382697	38.601	ng	99
69) Atrazine	10.945	200	331366	39.741	ng	98
70) Pentachlorophenol	11.051	266	273707	38.764	ng	97
71) Phenanthrene	11.263	178	1776729	37.055	ng	98
72) Anthracene	11.316	178	1847521	37.651	ng	99
73) Carbazole	11.475	167	1644020	37.627	ng	99
74) Di-n-butylphthalate	11.804	149	1989736	40.241	ng	99
75) Fluoranthene	12.451	202	1779408	36.978	ng	99
77) Benzidine	12.575	184	460380	50.992	ng	# 94
78) Pyrene	12.680	202	1802069	39.374	ng	99
80) Butylbenzylphthalate	13.298	149	768231	47.407	ng	95
81) Benzo(a)anthracene	13.869	228	1330778	36.247	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	407231	40.151	ng	100
83) Chrysene	13.904	228	1332919	36.314	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	899794	44.237	ng	99
85) Di-n-octyl phthalate	14.474	149	1403894	42.329	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1214110	41.367	ng	99
88) Benzo(b)fluoranthene	14.898	252	1143282	34.829	ng	99
89) Benzo(k)fluoranthene	14.921	252	1060904	32.603	ng	98
90) Benzo(a)pyrene	15.245	252	1043063	34.910	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1007131	41.142	ng	99
92) Benzo(g,h,i)perylene	17.104	276	1034224	42.794	ng	97

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

