

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133503.D
 Acq On : 26 May 2023 17:22
 Operator : CG\JU
 Sample : PB153075BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/30/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

Quant Time: May 27 01:09:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	134714	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	515119	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	251541	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	500184	20.000	ng	0.00
76) Chrysene-d12	14.010	240	323188	20.000	ng	0.00
86) Perylene-d12	15.462	264	288409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	724110	89.683	ng	0.01
7) Phenol-d6	6.463	99	877140	88.249	ng	0.00
23) Nitrobenzene-d5	7.404	82	830338	107.627	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	245303	97.832	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1411698	86.621	ng	0.00
79) Terphenyl-d14	12.957	244	1696656	93.340	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	145227	39.826	ng	100
3) Pyridine	3.404	79	382339	37.395	ng	96
4) n-Nitrosodimethylamine	3.369	42	257137	46.115	ng	100
6) Aniline	6.498	93	441785	32.736	ng	99
8) 2-Chlorophenol	6.622	128	410171	51.556	ng	96
9) Benzaldehyde	6.386	77	267241	57.603	ng	97
10) Phenol	6.481	94	492799m	49.424	ng	
11) bis(2-Chloroethyl)ether	6.575	93	389340	47.228	ng	98
12) 1,3-Dichlorobenzene	6.781	146	425610	48.187	ng	99
13) 1,4-Dichlorobenzene	6.857	146	430285	48.592	ng	97
14) 1,2-Dichlorobenzene	7.010	146	410041	50.180	ng	98
15) Benzyl Alcohol	6.981	79	368666	48.856	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	747130	47.784	ng	99
17) 2-Methylphenol	7.086	107	338591	44.941	ng	98
18) Hexachloroethane	7.351	117	157539	51.451	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	289786	45.062	ng	99
20) 3+4-Methylphenols	7.245	107	403591	47.383	ng	93
22) Acetophenone	7.251	105	545662	45.998	ng	96
24) Nitrobenzene	7.428	77	437055	53.167	ng	95
25) Isophorone	7.663	82	812428	45.184	ng	99
26) 2-Nitrophenol	7.739	139	202774	53.255	ng	99
27) 2,4-Dimethylphenol	7.775	122	358655	46.881	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	470372	45.114	ng	98
29) 2,4-Dichlorophenol	7.981	162	331075	48.101	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	346471	46.538	ng	99
31) Naphthalene	8.145	128	1118333	44.781	ng	99
32) Benzoic acid	7.892	122	269456	52.633	ng	98
33) 4-Chloroaniline	8.192	127	127504	11.912	ng	95
34) Hexachlorobutadiene	8.263	225	207581	45.837	ng	99
35) Caprolactam	8.575	113	122836m	54.417	ng	
36) 4-Chloro-3-methylphenol	8.669	107	366459	47.529	ng	99
37) 2-Methylnaphthalene	8.839	142	742261	43.531	ng	97
38) 1-Methylnaphthalene	8.933	142	700790	44.090	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	326460	43.789	ng	98
41) Hexachlorocyclopentadiene	8.992	237	418234	109.469	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	234847	49.228	ng	98

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44) 2,4,5-Trichlorophenol	9.151	196	253017	45.694	ng	97
46) 1,1'-Biphenyl	9.304	154	923449	45.186	ng	99
47) 2-Chloronaphthalene	9.327	162	673850	45.496	ng	98
48) 2-Nitroaniline	9.422	65	239271	50.124	ng	97
49) Acenaphthylene	9.745	152	1144127	45.266	ng	99
50) Dimethylphthalate	9.604	163	815467	46.126	ng	99
51) 2,6-Dinitrotoluene	9.663	165	175637	51.925	ng	98
52) Acenaphthene	9.916	154	771533	50.391	ng	99
53) 3-Nitroaniline	9.827	138	118655	29.472	ng	98
54) 2,4-Dinitrophenol	9.939	184	185069	98.689	ng	95
55) Dibenzofuran	10.086	168	1018395	44.708	ng	98
56) 4-Nitrophenol	9.992	139	337906	111.715	ng	98
57) 2,4-Dinitrotoluene	10.069	165	229363	54.287	ng	89
58) Fluorene	10.427	166	753708	45.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	215516	51.680	ng	100
60) Diethylphthalate	10.304	149	847186	46.161	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	350549	43.745	ng	99
62) 4-Nitroaniline	10.451	138	205746	48.424	ng	95
63) Azobenzene	10.580	77	827322	45.034	ng	96
65) 4,6-Dinitro-2-methylph...	10.474	198	118399	56.091	ng	# 73
66) n-Nitrosodiphenylamine	10.539	169	699430	43.072	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	232594	43.787	ng	98
68) Hexachlorobenzene	10.974	284	261458	47.068	ng	98
69) Atrazine	11.069	200	239499	53.754	ng	99
70) Pentachlorophenol	11.169	266	298589	89.897	ng	99
71) Phenanthrene	11.392	178	1138827	44.953	ng	100
72) Anthracene	11.445	178	1154089	44.263	ng	100
73) Carbazole	11.598	167	1127523	45.727	ng	100
74) Di-n-butylphthalate	11.933	149	1313763	45.058	ng	100
75) Fluoranthene	12.580	202	1279590	45.727	ng	99
77) Benzidine	12.704	184	532357	56.319	ng	99
78) Pyrene	12.810	202	1307407	47.539	ng	99
80) Butylbenzylphthalate	13.433	149	551471	50.681	ng	98
81) Benzo(a)anthracene	13.998	228	965787	44.858	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	169931	25.249	ng	98
83) Chrysene	14.039	228	981644	45.165	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	609953	44.845	ng	# 97
85) Di-n-octyl phthalate	14.610	149	1010399	44.594	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	937076	51.008	ng	99
88) Benzo(b)fluoranthene	15.045	252	895150	47.664	ng	98
89) Benzo(k)fluoranthene	15.074	252	836302	45.669	ng	99
90) Benzo(a)pyrene	15.404	252	741564	43.394	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	768874	51.620	ng	99
92) Benzo(g,h,i)perylene	17.368	276	776651	51.711	ng	99

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

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