

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133353.D
 Acq On : 11 May 2023 14:16
 Operator : CG\JU
 Sample : PB152724BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152724BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

05/12/2023
 Supervised By :Jagrut
 Upadhyay

05/15/2023

Quant Time: May 11 15:31:39 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 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	223612	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	918697	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	463797	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	813162	20.000	ng	0.00
76) Chrysene-d12	13.880	240	514101	20.000	ng	0.00
86) Perylene-d12	15.292	264	429053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1868103	126.200	ng	0.02
7) Phenol-d6	6.375	99	2212941	120.443	ng	0.00
23) Nitrobenzene-d5	7.293	82	1424574	83.699	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	555909	119.182	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2240104	80.805	ng	0.00
79) Terphenyl-d14	12.827	244	2539827	85.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	239001	34.809	ng	98
3) Pyridine	3.140	79	616784	33.822	ng	97
4) n-Nitrosodimethylamine	3.110	42	384133	40.667	ng	98
6) Aniline	6.387	93	779113	32.924	ng	# 18
8) 2-Chlorophenol	6.510	128	703126	46.783	ng	94
9) Benzaldehyde	6.269	77	362432	44.431	ng	98
10) Phenol	6.387	94	793234	39.135	ng	77
11) bis(2-Chloroethyl)ether	6.457	93	668314	43.939	ng	100
12) 1,3-Dichlorobenzene	6.663	146	735252	46.013	ng	98
13) 1,4-Dichlorobenzene	6.740	146	751730	46.940	ng	98
14) 1,2-Dichlorobenzene	6.893	146	716274	48.513	ng	99
15) Benzyl Alcohol	6.875	79	562253	44.301	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1032484	39.082	ng	90
17) 2-Methylphenol	6.993	107	567445	41.232	ng	95
18) Hexachloroethane	7.234	117	256763	46.116	ng	99
19) n-Nitroso-di-n-propyla...	7.145	70	433076	37.862	ng	96
20) 3+4-Methylphenols	7.145	107	663497	40.938	ng	# 76
22) Acetophenone	7.134	105	943102	44.316	ng	# 94
24) Nitrobenzene	7.310	77	706649	40.972	ng	99
25) Isophorone	7.545	82	1303462	40.335	ng	97
26) 2-Nitrophenol	7.628	139	386133	46.417	ng	93
27) 2,4-Dimethylphenol	7.675	122	609169	42.706	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	782528	40.933	ng	99
29) 2,4-Dichlorophenol	7.875	162	570258	43.915	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	590064	43.862	ng	99
31) Naphthalene	8.034	128	1920571	41.813	ng	100
32) Benzoic acid	7.810	122	349701m	39.689	ng	
33) 4-Chloroaniline	8.081	127	471366	25.399	ng	98
34) Hexachlorobutadiene	8.145	225	318472	42.713	ng	99
35) Caprolactam	8.463	113	203182m	46.577	ng	
36) 4-Chloro-3-methylphenol	8.569	107	601989	42.989	ng	99
37) 2-Methylnaphthalene	8.722	142	1263348	40.231	ng	98
38) 1-Methylnaphthalene	8.816	142	1175220	40.005	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	529601	42.469	ng	99
41) Hexachlorocyclopentadiene	8.875	237	568412	78.157	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	361167	41.879	ng	98

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44) 2,4,5-Trichlorophenol	9.045	196	384624	38.563	ng	98
46) 1,1'-Biphenyl	9.186	154	1538021	41.820	ng	99
47) 2-Chloronaphthalene	9.210	162	1165475	43.297	ng	100
48) 2-Nitroaniline	9.304	65	377616	42.446	ng	95
49) Acenaphthylene	9.622	152	1784297	41.484	ng	99
50) Dimethylphthalate	9.492	163	1360371	42.065	ng	98
51) 2,6-Dinitrotoluene	9.551	165	315834	43.391	ng	89
52) Acenaphthene	9.792	154	1321726m	45.882	ng	
53) 3-Nitroaniline	9.716	138	286508	33.104	ng	98
54) 2,4-Dinitrophenol	9.828	184	355221	97.090	ng	97
55) Dibenzofuran	9.969	168	1569935	39.952	ng	99
56) 4-Nitrophenol	9.892	139	547010	81.604	ng	91
57) 2,4-Dinitrotoluene	9.957	165	409483	44.113	ng	90
58) Fluorene	10.310	166	1184400	41.140	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	326942	42.282	ng	98
60) Diethylphthalate	10.186	149	1249670	40.910	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	552644	39.391	ng	95
62) 4-Nitroaniline	10.339	138	368412	46.315	ng	97
63) Azobenzene	10.463	77	1267293	39.163	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	236549	47.994	ng	78
66) n-Nitrosodiphenylamine	10.422	169	1079049	40.909	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	355409	40.299	ng	94
68) Hexachlorobenzene	10.857	284	396025	43.823	ng	98
69) Atrazine	10.951	200	362127	47.646	ng	99
70) Pentachlorophenol	11.057	266	433382	67.337	ng	97
71) Phenanthrene	11.269	178	1811540	41.449	ng	99
72) Anthracene	11.322	178	1858941	41.562	ng	99
73) Carbazole	11.475	167	1724839	43.309	ng	99
74) Di-n-butylphthalate	11.810	149	1948454	43.232	ng	99
75) Fluoranthene	12.451	202	1839855	41.946	ng	100
77) Benzidine	12.575	184	674095	77.538	ng	# 93
78) Pyrene	12.680	202	1890159	42.890	ng	99
80) Butylbenzylphthalate	13.304	149	813434	52.129	ng	98
81) Benzo(a)anthracene	13.869	228	1413152	39.972	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	406304	41.602	ng	99
83) Chrysene	13.904	228	1452307	41.090	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	908323	46.376	ng	100
85) Di-n-octyl phthalate	14.474	149	1531161	47.944	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1296307	53.116	ng	98
88) Benzo(b)fluoranthene	14.892	252	1252810	45.897	ng	98
89) Benzo(k)fluoranthene	14.921	252	1220096	45.092	ng	100
90) Benzo(a)pyrene	15.239	252	1063920	42.823	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1079678	53.042	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1100428	54.759	ng	97

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

