

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133093.D
 Acq On : 27 Apr 2023 11:44
 Operator : CG\JU
 Sample : PB152407BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152407BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:04:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	227432	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	907547	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	470810	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	836634	20.000	ng	0.00
76) Chrysene-d12	13.898	240	565955	20.000	ng	0.00
86) Perylene-d12	15.310	264	515886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1539513	102.255	ng	0.02
7) Phenol-d6	6.387	99	1872026	100.177	ng	0.00
23) Nitrobenzene-d5	7.304	82	1128075	67.093	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	491941	103.897	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1949464	69.273	ng	0.00
79) Terphenyl-d14	12.845	244	2145838	65.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	274584	39.320	ng	97
3) Pyridine	3.210	79	685075	36.936	ng	96
4) n-Nitrosodimethylamine	3.175	42	352824	36.725	ng	92
6) Aniline	6.404	93	794860	33.025	ng	# 47
8) 2-Chlorophenol	6.528	128	672985	44.025	ng	97
9) Benzaldehyde	6.281	77	364592	43.655	ng	99
10) Phenol	6.398	94	821780	39.862	ng	# 70
11) bis(2-Chloroethyl)ether	6.481	93	648327	41.909	ng	96
12) 1,3-Dichlorobenzene	6.681	146	724145	44.557	ng	97
13) 1,4-Dichlorobenzene	6.757	146	730518	44.849	ng	98
14) 1,2-Dichlorobenzene	6.910	146	672088	44.756	ng	97
15) Benzyl Alcohol	6.887	79	527189	40.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	1044858	38.886	ng	94
17) 2-Methylphenol	7.004	107	602211	43.023	ng	97
18) Hexachloroethane	7.251	117	251617	44.432	ng	97
19) n-Nitroso-di-n-propyla...	7.163	70	450091	38.688	ng	97
20) 3+4-Methylphenols	7.157	107	676634	41.047	ng	93
22) Acetophenone	7.151	105	933882	44.422	ng	# 95
24) Nitrobenzene	7.328	77	705911	41.432	ng	98
25) Isophorone	7.563	82	1310379	41.048	ng	98
26) 2-Nitrophenol	7.640	139	393749	47.914	ng	96
27) 2,4-Dimethylphenol	7.687	122	639920	45.413	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	776627	41.123	ng	100
29) 2,4-Dichlorophenol	7.887	162	572253	44.610	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	593210	44.637	ng	99
31) Naphthalene	8.045	128	1913812	42.178	ng	99
32) Benzoic acid	7.828	122	473386	54.387	ng	95
33) 4-Chloroaniline	8.092	127	336237	18.340	ng	100
34) Hexachlorobutadiene	8.163	225	324249	44.022	ng	100
35) Caprolactam	8.481	113	207034m	48.043	ng	
36) 4-Chloro-3-methylphenol	8.587	107	614532	44.424	ng	97
37) 2-Methylnaphthalene	8.739	142	1258051	40.554	ng	98
38) 1-Methylnaphthalene	8.839	142	1246687	42.960	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	530257	41.889	ng	99
41) Hexachlorocyclopentadiene	8.892	237	719680	97.483	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	381031	43.524	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	414493	40.939	ng	98
46) 1,1'-Biphenyl	9.204	154	1541517	41.291	ng	98
47) 2-Chloronaphthalene	9.228	162	1165052	42.636	ng	100
48) 2-Nitroaniline	9.322	65	360850	39.957	ng	99
49) Acenaphthylene	9.639	152	1810441	41.465	ng	100
50) Dimethylphthalate	9.504	163	1350156	41.127	ng	100
51) 2,6-Dinitrotoluene	9.563	165	320477	43.373	ng	91
52) Acenaphthene	9.810	154	1338401m	45.769	ng	
53) 3-Nitroaniline	9.734	138	255570	29.090	ng	95
54) 2,4-Dinitrophenol	9.839	184	391901	105.520	ng	97
55) Dibenzofuran	9.986	168	1601840	40.157	ng	100
56) 4-Nitrophenol	9.904	139	598168	87.907	ng	94
57) 2,4-Dinitrotoluene	9.969	165	412499	43.776	ng	93
58) Fluorene	10.328	166	1184671	40.537	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	345807	44.056	ng	97
60) Diethylphthalate	10.204	149	1251471	40.359	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	572194	40.177	ng	96
62) 4-Nitroaniline	10.351	138	361405	44.757	ng	96
63) Azobenzene	10.481	77	1242256	37.817	ng	96
65) 4,6-Dinitro-2-methylph...	10.375	198	247402	48.787	ng	81
66) n-Nitrosodiphenylamine	10.439	169	1086694	40.043	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	366360	40.376	ng	94
68) Hexachlorobenzene	10.875	284	411596	44.268	ng	98
69) Atrazine	10.969	200	362266	46.327	ng	99
70) Pentachlorophenol	11.069	266	504982	76.260	ng	98
71) Phenanthrene	11.286	178	1806442	40.173	ng	99
72) Anthracene	11.333	178	1869755	40.631	ng	99
73) Carbazole	11.492	167	1715978	41.878	ng	99
74) Di-n-butylphthalate	11.828	149	1945783	41.961	ng	99
75) Fluoranthene	12.469	202	1879805	41.654	ng	98
77) Benzidine	12.592	184	1025341	107.134	ng	# 93
78) Pyrene	12.698	202	1931712	39.816	ng	99
80) Butylbenzylphthalate	13.322	149	828142	48.209	ng	99
81) Benzo(a)anthracene	13.886	228	1579458	40.583	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	381103	35.447	ng	99
83) Chrysene	13.922	228	1576760	40.524	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	937899	43.499	ng	98
85) Di-n-octyl phthalate	14.492	149	1760490	50.075	ng	97
87) Indeno(1,2,3-cd)pyrene	16.698	276	1347685	45.926	ng	99
88) Benzo(b)fluoranthene	14.910	252	1463336	44.587	ng	98
89) Benzo(k)fluoranthene	14.939	252	1421292	43.686	ng	98
90) Benzo(a)pyrene	15.257	252	1224844	41.002	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	1105577	45.172	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1134481	46.951	ng	99

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

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