

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132736.D
 Acq On : 10 Mar 2023 12:16
 Operator : CG\JU
 Sample : PB151310BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151310BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

Quant Time: Mar 10 13:15:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	247979	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	938277	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	491623	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	908713	20.000	ng	0.00
76) Chrysene-d12	14.186	240	508740	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	445423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1864220	122.009	ng	0.01
7) Phenol-d6	6.622	99	2387922	119.750	ng	0.00
23) Nitrobenzene-d5	7.551	82	1614287	81.627	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	676243	127.369	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2509726	77.732	ng	0.00
79) Terphenyl-d14	13.116	244	2936621	97.596	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	298394	35.305	ng	96
3) Pyridine	3.681	79	820645	36.579	ng	94
4) n-Nitrosodimethylamine	3.657	42	352266	41.569	ng	84
6) Aniline	6.645	93	979231	36.490	ng	97
8) 2-Chlorophenol	6.769	128	782117	49.320	ng	97
9) Benzaldehyde	6.534	77	357269	33.203	ng	96
10) Phenol	6.634	94	943542	41.272	ng	94
11) bis(2-Chloroethyl)ether	6.716	93	842324	47.727	ng	95
12) 1,3-Dichlorobenzene	6.922	146	812844	47.765	ng	98
13) 1,4-Dichlorobenzene	6.998	146	814163	47.913	ng	100
14) 1,2-Dichlorobenzene	7.151	146	791841	48.556	ng	98
15) Benzyl Alcohol	7.128	79	702111	45.718	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	998070	44.347	ng	89
17) 2-Methylphenol	7.240	107	643832	43.502	ng	98
18) Hexachloroethane	7.492	117	325172	48.982	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	512045	41.723	ng	94
20) 3+4-Methylphenols	7.392	107	699134	36.565	ng	98
22) Acetophenone	7.392	105	1003620	42.420	ng	94
24) Nitrobenzene	7.569	77	883243	41.760	ng	96
25) Isophorone	7.804	82	1650934	43.542	ng	100
26) 2-Nitrophenol	7.887	139	428739	45.943	ng	92
27) 2,4-Dimethylphenol	7.916	122	652824	44.324	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	988159	44.551	ng	99
29) 2,4-Dichlorophenol	8.128	162	644922	44.018	ng	98
30) 1,2,4-Trichlorobenzene	8.210	180	734651	46.178	ng	98
31) Naphthalene	8.292	128	2034774	42.361	ng	100
32) Benzoic acid	8.057	122	418485	37.011	ng	94
33) 4-Chloroaniline	8.334	127	348907m	16.951	ng	
34) Hexachlorobutadiene	8.398	225	475079	46.993	ng	99
35) Caprolactam	8.728	113	220719m	45.696	ng	
36) 4-Chloro-3-methylphenol	8.828	107	710793	44.176	ng	94
37) 2-Methylnaphthalene	8.981	142	1363121	41.642	ng	99
38) 1-Methylnaphthalene	9.081	142	1256125	41.061	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	735419	45.722	ng	99
41) Hexachlorocyclopentadiene	9.134	237	856919	98.223	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	485173	44.509	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	517914	40.709	ng	97
46) 1,1'-Biphenyl	9.445	154	1620719	43.556	ng	99
47) 2-Chloronaphthalene	9.475	162	1309120	44.374	ng	100
48) 2-Nitroaniline	9.575	65	427017	39.300	ng	91
49) Acenaphthylene	9.892	152	1970909	41.976	ng	100
50) Dimethylphthalate	9.745	163	1589030	44.391	ng	99
51) 2,6-Dinitrotoluene	9.816	165	359041	44.042	ng	95
52) Acenaphthene	10.069	154	1395521m	46.807	ng	
53) 3-Nitroaniline	9.986	138	252105	27.645	ng	98
54) 2,4-Dinitrophenol	10.098	184	398931	77.709	ng	98
55) Dibenzofuran	10.239	168	1779149	40.933	ng	97
56) 4-Nitrophenol	10.157	139	490718	72.155	ng	98
57) 2,4-Dinitrotoluene	10.222	165	468362	43.185	ng	99
58) Fluorene	10.586	166	1402141	42.174	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	429384	45.434	ng	97
60) Diethylphthalate	10.445	149	1510351	43.202	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	751424	43.568	ng	97
62) 4-Nitroaniline	10.610	138	376713	42.083	ng	98
63) Azobenzene	10.733	77	1518769	41.020	ng	98
65) 4,6-Dinitro-2-methylph...	10.639	198	278261	45.234	ng	88
66) n-Nitrosodiphenylamine	10.692	169	1252145	44.199	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	472643	45.982	ng	98
68) Hexachlorobenzene	11.133	284	533375	49.314	ng	97
69) Atrazine	11.216	200	451531	51.054	ng	98
70) Pentachlorophenol	11.333	266	485688	75.475	ng	99
71) Phenanthrene	11.551	178	2027914	43.078	ng	99
72) Anthracene	11.604	178	2067241	42.644	ng	99
73) Carbazole	11.763	167	1860181	42.560	ng	99
74) Di-n-butylphthalate	12.075	149	2306541	44.989	ng	100
75) Fluoranthene	12.751	202	2145932	41.698	ng	98
77) Benzidine	12.863	184	769076	62.101	ng	100
78) Pyrene	12.980	202	2179374	47.118	ng	100
80) Butylbenzylphthalate	13.586	149	901649	49.399	ng	99
81) Benzo(a)anthracene	14.174	228	1743262	45.797	ng	98
82) 3,3'-Dichlorobenzidine	14.133	252	354421	31.582	ng	# 98
83) Chrysene	14.216	228	1597815	44.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	1168164	52.098	ng	100
85) Di-n-octyl phthalate	14.763	149	1771810	54.075	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1499351	51.372	ng	99
88) Benzo(b)fluoranthene	15.268	252	1542453	51.673	ng	99
89) Benzo(k)fluoranthene	15.304	252	1299157	44.470	ng	98
90) Benzo(a)pyrene	15.663	252	1246782	44.628	ng	98
91) Dibenzo(a,h)anthracene	17.339	278	1228852	51.676	ng	98
92) Benzo(g,h,i)perylene	17.815	276	1285034	47.823	ng	99

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

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