

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133191.D
 Acq On : 02 May 2023 16:19
 Operator : CG\JU
 Sample : 02568-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 06:19:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	219404	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	885571	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	461844	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	799627	20.000	ng	0.00
76) Chrysene-d12	13.886	240	422218	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	410850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1481866	102.027	ng	0.01
7) Phenol-d6	6.381	99	1819612	100.935	ng	0.00
23) Nitrobenzene-d5	7.298	82	1101988	67.168	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	443633	95.513	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1901118	68.867	ng	0.00
79) Terphenyl-d14	12.839	244	1958590	80.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	297924	44.223	ng	97
3) Pyridine	3.181	79	744721	41.621	ng	97
4) n-Nitrosodimethylamine	3.140	42	411766	44.429	ng	98
6) Aniline	6.392	93	774716	33.366	ng	# 16
8) 2-Chlorophenol	6.516	128	736238	49.925	ng	97
9) Benzaldehyde	6.275	77	408616	56.358	ng	99
10) Phenol	6.392	94	858184	43.151	ng	76
11) bis(2-Chloroethyl)ether	6.469	93	682896	45.758	ng	100
12) 1,3-Dichlorobenzene	6.675	146	756710	48.264	ng	97
13) 1,4-Dichlorobenzene	6.751	146	761724	48.476	ng	97
14) 1,2-Dichlorobenzene	6.904	146	732653	50.574	ng	99
15) Benzyl Alcohol	6.881	79	616017	49.468	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1112147	42.905	ng	96
17) 2-Methylphenol	6.998	107	591312	43.790	ng	98
18) Hexachloroethane	7.245	117	262369	48.026	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	461824	41.149	ng	96
20) 3+4-Methylphenols	7.151	107	697816	43.881	ng	# 86
22) Acetophenone	7.145	105	959424	46.769	ng	# 98
24) Nitrobenzene	7.316	77	743102	44.698	ng	96
25) Isophorone	7.557	82	1390472	44.638	ng	99
26) 2-Nitrophenol	7.634	139	411558	51.324	ng	96
27) 2,4-Dimethylphenol	7.681	122	656515	47.746	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	819237	44.456	ng	99
29) 2,4-Dichlorophenol	7.881	162	589157	47.068	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	616646	47.552	ng	98
31) Naphthalene	8.039	128	1997255	45.109	ng	99
32) Benzoic acid	7.822	122	507851m	59.795	ng	
33) 4-Chloroaniline	8.086	127	263271	14.717	ng	99
34) Hexachlorobutadiene	8.157	225	333431	46.392	ng	98
35) Caprolactam	8.475	113	217905m	51.820	ng	
36) 4-Chloro-3-methylphenol	8.581	107	662438	49.076	ng	98
37) 2-Methylnaphthalene	8.728	142	1331249	43.979	ng	99
38) 1-Methylnaphthalene	8.828	142	1247207	44.044	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	546193	43.985	ng	99
41) Hexachlorocyclopentadiene	8.886	237	662987	91.547	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	401061	46.702	ng	99

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44) 2,4,5-Trichlorophenol	9.051	196	435824	43.881	ng	100
46) 1,1'-Biphenyl	9.198	154	1612709	44.036	ng	98
47) 2-Chloronaphthalene	9.222	162	1245511	46.466	ng	97
48) 2-Nitroaniline	9.316	65	396688	44.778	ng	98
49) Acenaphthylene	9.633	152	1897614	44.305	ng	100
50) Dimethylphthalate	9.504	163	1470988	45.678	ng	98
51) 2,6-Dinitrotoluene	9.557	165	345279	47.637	ng	97
52) Acenaphthene	9.804	154	1415799m	49.356	ng	
53) 3-Nitroaniline	9.728	138	279727	32.458	ng	95
54) 2,4-Dinitrophenol	9.839	184	404959	111.152	ng	# 86
55) Dibenzofuran	9.980	168	1711469	43.738	ng	99
56) 4-Nitrophenol	9.898	139	622803	93.304	ng	93
57) 2,4-Dinitrotoluene	9.963	165	439639	47.562	ng	96
58) Fluorene	10.322	166	1250599	43.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	350773	45.556	ng	98
60) Diethylphthalate	10.198	149	1377577	45.288	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	596822	42.720	ng	95
62) 4-Nitroaniline	10.345	138	387170	48.879	ng	99
63) Azobenzene	10.475	77	1575851	48.904	ng	96
65) 4,6-Dinitro-2-methylph...	10.375	198	271556	56.029	ng	97
66) n-Nitrosodiphenylamine	10.433	169	1160078	44.725	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	389274	44.886	ng	95
68) Hexachlorobenzene	10.869	284	425079	47.834	ng	99
69) Atrazine	10.963	200	401994	53.787	ng	99
70) Pentachlorophenol	11.063	266	497195	78.559	ng	98
71) Phenanthrene	11.280	178	2078898	48.372	ng	99
72) Anthracene	11.333	178	1958967	44.539	ng	99
73) Carbazole	11.486	167	1783686	45.545	ng	99
74) Di-n-butylphthalate	11.822	149	2119389	47.820	ng	99
75) Fluoranthene	12.463	202	2180964	50.564	ng	99
77) Benzidine	12.586	184	840007	117.649	ng	# 93
78) Pyrene	12.692	202	2154816	59.535	ng	99
80) Butylbenzylphthalate	13.316	149	814616	63.566	ng	97
81) Benzo(a)anthracene	13.880	228	1433168	49.361	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	340589	42.463	ng	99
83) Chrysene	13.915	228	1403870	48.364	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	890929	55.387	ng	98
85) Di-n-octyl phthalate	14.486	149	1563672	59.618	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1495171	63.978	ng	99
88) Benzo(b)fluoranthene	14.904	252	1318519	50.445	ng	98
89) Benzo(k)fluoranthene	14.933	252	1210603	46.723	ng	99
90) Benzo(a)pyrene	15.251	252	1136279	47.761	ng	100
91) Dibenzo(a,h)anthracene	16.709	278	1205943	61.870	ng	100
92) Benzo(g,h,i)perylene	17.115	276	1253745	65.152	ng	97

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

