

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132658.D
 Acq On : 06 Mar 2023 20:13
 Operator : CG\JU
 Sample : 01787-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 00:57:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	201599	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	729903	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	379424	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	674240	20.000	ng	0.00
76) Chrysene-d12	14.204	240	317202	20.000	ng	0.00
86) Perylene-d12	15.757	264	400628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	722709	58.182	ng	0.00
7) Phenol-d6	6.628	99	933919	57.609	ng	0.00
23) Nitrobenzene-d5	7.563	82	578101	37.577	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	230425	56.234	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	983311	39.461	ng	0.00
79) Terphenyl-d14	13.133	244	922257	49.158	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	285620	41.568	ng	95
3) Pyridine	3.693	79	718611	39.400	ng	93
4) n-Nitrosodimethylamine	3.657	42	280156	40.666	ng	88
6) Aniline	6.663	93	718829	32.949	ng	96
8) 2-Chlorophenol	6.787	128	612857	47.538	ng	95
9) Benzaldehyde	6.551	77	302658	34.599	ng	98
10) Phenol	6.640	94	828430	44.573	ng	95
11) bis(2-Chloroethyl)ether	6.728	93	642446	44.776	ng	96
12) 1,3-Dichlorobenzene	6.940	146	638908	46.181	ng	97
13) 1,4-Dichlorobenzene	7.016	146	634513	45.931	ng	99
14) 1,2-Dichlorobenzene	7.169	146	613206	46.253	ng	98
15) Benzyl Alcohol	7.140	79	540088	43.259	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.269	45	783223	42.807	ng	99
17) 2-Methylphenol	7.251	107	504154	41.901	ng	95
18) Hexachloroethane	7.510	117	248777	46.096	ng	98
19) n-Nitroso-di-n-propyla...	7.410	70	377852	37.872	ng	94
20) 3+4-Methylphenols	7.404	107	563454	36.248	ng	94
22) Acetophenone	7.410	105	755877	41.069	ng	# 87
24) Nitrobenzene	7.587	77	677551	41.180	ng	97
25) Isophorone	7.822	82	1229811	41.695	ng	100
26) 2-Nitrophenol	7.904	139	329562	45.397	ng	88
27) 2,4-Dimethylphenol	7.934	122	494818	43.187	ng	99
28) bis(2-Chloroethoxy)met...	8.028	93	744168	43.129	ng	99
29) 2,4-Dichlorophenol	8.145	162	498813	43.765	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	555834	44.912	ng	97
31) Naphthalene	8.310	128	1585800	42.439	ng	100
32) Benzoic acid	8.051	122	311852m	35.615	ng	
33) 4-Chloroaniline	8.351	127	290002	18.111	ng	95
34) Hexachlorobutadiene	8.422	225	344597	43.818	ng	99
35) Caprolactam	8.734	113	162352m	43.208	ng	
36) 4-Chloro-3-methylphenol	8.839	107	531500	42.463	ng	95
37) 2-Methylnaphthalene	9.004	142	1043737	40.987	ng	99
38) 1-Methylnaphthalene	9.104	142	972348	40.859	ng	98
40) 1,2,4,5-Tetrachloroben...	9.169	216	549748	44.285	ng	99
41) Hexachlorocyclopentadiene	9.151	237	562605	83.557	ng	99
43) 2,4,6-Trichlorophenol	9.281	196	368491	43.801	ng	99

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44) 2,4,5-Trichlorophenol	9.322	196	397442	40.477	ng	97
46) 1,1'-Biphenyl	9.463	154	1255416	43.715	ng	99
47) 2-Chloronaphthalene	9.492	162	1019290	44.767	ng	100
48) 2-Nitroaniline	9.586	65	329923	39.343	ng	94
49) Acenaphthylene	9.910	152	1538067	42.444	ng	99
50) Dimethylphthalate	9.763	163	1172414	42.438	ng	100
51) 2,6-Dinitrotoluene	9.828	165	274363	43.607	ng	98
52) Acenaphthene	10.086	154	1056904m	45.932	ng	
53) 3-Nitroaniline	9.998	138	180769	25.684	ng	98
54) 2,4-Dinitrophenol	10.110	184	282745	71.514	ng	99
55) Dibenzofuran	10.257	168	1407838	41.968	ng	100
56) 4-Nitrophenol	10.163	139	358211	68.247	ng	97
57) 2,4-Dinitrotoluene	10.239	165	355514	42.473	ng	92
58) Fluorene	10.604	166	1067654	41.610	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.375	232	316807	43.435	ng	98
60) Diethylphthalate	10.463	149	1104513	40.936	ng	100
61) 4-Chlorophenyl-phenyle...	10.586	204	554958	41.692	ng	98
62) 4-Nitroaniline	10.622	138	253190	36.648	ng	94
63) Azobenzene	10.751	77	1206391	42.218	ng	99
65) 4,6-Dinitro-2-methylph...	10.651	198	194287	42.567	ng	88
66) n-Nitrosodiphenylamine	10.710	169	941237	44.778	ng	99
67) 4-Bromophenyl-phenylether	11.080	248	351094	46.035	ng	97
68) Hexachlorobenzene	11.151	284	391524	48.788	ng	95
69) Atrazine	11.233	200	306299	46.676	ng	99
70) Pentachlorophenol	11.351	266	351408	73.599	ng	98
71) Phenanthrene	11.569	178	1529102	43.778	ng	99
72) Anthracene	11.622	178	1541389	42.854	ng	99
73) Carbazole	11.775	167	1314518	40.535	ng	99
74) Di-n-butylphthalate	12.098	149	1591380	41.834	ng	98
75) Fluoranthene	12.769	202	1484907	38.888	ng	98
77) Benzidine	12.886	184	388768	50.348	ng	99
78) Pyrene	12.998	202	1459376	50.604	ng	99
80) Butylbenzylphthalate	13.604	149	495078	43.502	ng	97
81) Benzo(a)anthracene	14.192	228	1060709	44.692	ng	98
82) 3,3'-Dichlorobenzidine	14.151	252	233031	33.304	ng	99
83) Chrysene	14.233	228	999292	45.025	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	608741	43.542	ng	98
85) Di-n-octyl phthalate	14.792	149	1054460	51.614	ng	98
87) Indeno(1,2,3-cd)pyrene	17.362	276	1386800	52.829	ng	100
88) Benzo(b)fluoranthene	15.292	252	1171687	43.641	ng	98
89) Benzo(k)fluoranthene	15.327	252	1077639	41.012	ng	99
90) Benzo(a)pyrene	15.692	252	1057225	42.074	ng	99
91) Dibenzo(a,h)anthracene	17.380	278	1122253	52.470	ng	98
92) Benzo(g,h,i)perylene	17.856	276	1152515	47.692	ng	99

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

