

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128166.D
 Acq On : 10 May 2022 18:07
 Operator : CG\JU
 Sample : N2745-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-31SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2022
 Supervised By : Jagrut Upadhyay 05/11/2022

Quant Time: May 11 04:01:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	77345	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	299113	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	172103	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	307015	20.000	ng	0.00
76) Chrysene-d12	14.074	240	167547	20.000	ng	0.00
86) Perylene-d12	15.562	264	177469	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	656591	135.328	ng	0.02
7) Phenol-d6	6.528	99	816261	127.197	ng	0.00
23) Nitrobenzene-d5	7.463	82	668581	100.577	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	285536	144.662	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1112517	101.146	ng	0.00
79) Terphenyl-d14	13.016	244	1189162	133.178	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	95593	44.290	ng	# 81
3) Pyridine	3.599	79	229361	40.057	ng	99
4) n-Nitrosodimethylamine	3.551	42	153255	53.692	ng	97
6) Aniline	6.557	93	129873	17.921	ng	91
8) 2-Chlorophenol	6.681	128	266164	53.860	ng	99
9) Benzaldehyde	6.451	77	128568	39.274	ng	99
10) Phenol	6.539	94	301139	44.499	ng	94
11) bis(2-Chloroethyl)ether	6.634	93	272332	53.734	ng	98
12) 1,3-Dichlorobenzene	6.834	146	284216m	51.098	ng	
13) 1,4-Dichlorobenzene	6.910	146	291409	51.849	ng	97
14) 1,2-Dichlorobenzene	7.063	146	277494	52.394	ng	99
15) Benzyl Alcohol	7.039	79	271046	53.447	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	396646	52.777	ng	97
17) 2-Methylphenol	7.145	107	218844	52.199	ng	96
18) Hexachloroethane	7.404	117	113376	53.395	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	209197	52.935	ng	97
20) 3+4-Methylphenols	7.298	107	261087	50.296	ng	# 83
22) Acetophenone	7.304	105	380618	51.102	ng	# 89
24) Nitrobenzene	7.481	77	328611	53.562	ng	99
25) Isophorone	7.716	82	593043	56.905	ng	99
26) 2-Nitrophenol	7.792	139	142541	52.911	ng	98
27) 2,4-Dimethylphenol	7.828	122	246932	59.467	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	342005	51.916	ng	100
29) 2,4-Dichlorophenol	8.034	162	227066	52.014	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	253768	50.721	ng	99
31) Naphthalene	8.198	128	767509	51.956	ng	99
32) Benzoic acid	7.957	122	112920	36.363	ng	96
33) 4-Chloroaniline	8.245	127	67331	11.482	ng	99
34) Hexachlorobutadiene	8.304	225	166648	49.604	ng	99
35) Caprolactam	8.628	113	63934m	44.866	ng	
36) 4-Chloro-3-methylphenol	8.733	107	260829	53.474	ng	97
37) 2-Methylnaphthalene	8.892	142	519571	52.168	ng	100
38) 1-Methylnaphthalene	8.986	142	498503	52.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	261882	51.585	ng	98
41) Hexachlorocyclopentadiene	9.039	237	248751	105.466	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	169332	51.772	ng	99

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44) 2,4,5-Trichlorophenol	9.216	196	181427	52.024	ng	94
46) 1,1'-Biphenyl	9.357	154	651146	51.971	ng	98
47) 2-Chloronaphthalene	9.380	162	485787	52.312	ng	97
48) 2-Nitroaniline	9.480	65	182237	54.736	ng	92
49) Acenaphthylene	9.798	152	783338	55.770	ng	100
50) Dimethylphthalate	9.657	163	586716	52.828	ng	99
51) 2,6-Dinitrotoluene	9.722	165	136715	56.117	ng	91
52) Acenaphthene	9.969	154	542018m	55.656	ng	
53) 3-Nitroaniline	9.892	138	55688	21.084	ng	99
54) 2,4-Dinitrophenol	10.004	184	103340	76.674	ng	# 81
55) Dibenzofuran	10.145	168	699392	50.580	ng	99
56) 4-Nitrophenol	10.063	139	168153	91.114	ng	88
57) 2,4-Dinitrotoluene	10.133	165	178183	54.696	ng	# 87
58) Fluorene	10.486	166	561464	52.131	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	149867	50.285	ng	97
60) Diethylphthalate	10.357	149	576528	52.030	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	271449	50.538	ng	95
62) 4-Nitroaniline	10.516	138	124465	46.485	ng	94
63) Azobenzene	10.639	77	623135	51.356	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	84653	44.056	ng	92
66) n-Nitrosodiphenylamine	10.598	169	489946	54.757	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	175525	53.140	ng	93
68) Hexachlorobenzene	11.033	284	196878	54.489	ng	96
69) Atrazine	11.127	200	172800	57.251	ng	96
70) Pentachlorophenol	11.233	266	187190	106.748	ng	97
71) Phenanthrene	11.451	178	812726	53.163	ng	99
72) Anthracene	11.504	178	831123	54.453	ng	100
73) Carbazole	11.663	167	722812	49.801	ng	100
74) Di-n-butylphthalate	11.980	149	874370	52.329	ng	100
75) Fluoranthene	12.645	202	800386	48.292	ng	97
77) Benzidine	12.763	184	87096	24.001	ng	99
78) Pyrene	12.874	202	785563	64.663	ng	100
80) Butylbenzylphthalate	13.480	149	309161	61.213	ng	99
81) Benzo(a)anthracene	14.063	228	587631	54.910	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	81810	34.069	ng	100
83) Chrysene	14.098	228	536119	52.504	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	392292	57.486	ng	98
85) Di-n-octyl phthalate	14.651	149	547811	50.254	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	648147	60.375	ng	96
88) Benzo(b)fluoranthene	15.127	252	567292	51.566	ng	98
89) Benzo(k)fluoranthene	15.157	252	542058	49.915	ng	99
90) Benzo(a)pyrene	15.504	252	560968	63.161	ng	96
91) Dibenzo(a,h)anthracene	17.109	278	560998	64.548	ng	# 96
92) Benzo(g,h,i)perylene	17.556	276	561271	63.780	ng	97

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

