

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133373.D
 Acq On : 12 May 2023 17:12
 Operator : CG\JU
 Sample : 02760-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-051123MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 12 17:32:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	185663	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	705259	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	315556	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	486830	20.000	ng	# 0.00
76) Chrysene-d12	13.886	240	314853	20.000	ng	0.00
86) Perylene-d12	15.304	264	255145	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1164817	94.773	ng	0.01
7) Phenol-d6	6.369	99	1375961	90.196	ng	0.00
23) Nitrobenzene-d5	7.292	82	832568	63.720	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	266216	83.887	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1386226	73.494	ng	0.00
79) Terphenyl-d14	12.833	244	1301438	71.289	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	241721	42.401	ng	97
3) Pyridine	3.081	79	640448	42.298	ng	95
4) n-Nitrosodimethylamine	3.045	42	348650	44.455	ng	99
6) Aniline	6.386	93	786364	40.022	ng	# 30
8) 2-Chlorophenol	6.510	128	659812	52.874	ng	97
10) Phenol	6.386	94	782785	46.513	ng	# 71
11) bis(2-Chloroethyl)ether	6.457	93	620132	49.104	ng	99
12) 1,3-Dichlorobenzene	6.663	146	687372	51.809	ng	99
13) 1,4-Dichlorobenzene	6.739	146	691683	52.019	ng	98
14) 1,2-Dichlorobenzene	6.892	146	660085	53.846	ng	98
15) Benzyl Alcohol	6.875	79	538308	51.084	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	965805	44.031	ng	86
17) 2-Methylphenol	6.992	107	524241	45.878	ng	97
18) Hexachloroethane	7.233	117	223325	48.309	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	401747	42.302	ng	95
20) 3+4-Methylphenols	7.145	107	640499	47.597	ng	# 75
22) Acetophenone	7.133	105	889898	54.471	ng	# 94
24) Nitrobenzene	7.310	77	647642	48.915	ng	99
25) Isophorone	7.551	82	1202298	48.465	ng	99
26) 2-Nitrophenol	7.628	139	347889	54.476	ng	95
27) 2,4-Dimethylphenol	7.675	122	570189	52.070	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	731008	49.810	ng	99
29) 2,4-Dichlorophenol	7.875	162	514834	51.645	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	539039	52.195	ng	99
31) Naphthalene	8.033	128	1749456	49.615	ng	100
32) Benzoic acid	7.804	122	333762m	49.344	ng	
33) 4-Chloroaniline	8.080	127	546522	38.361	ng	98
34) Hexachlorobutadiene	8.151	225	291861	50.990	ng	98
35) Caprolactam	8.463	113	191393m	57.152	ng	
36) 4-Chloro-3-methylphenol	8.575	107	516510	48.048	ng	96
37) 2-Methylnaphthalene	8.722	142	1137095	47.169	ng	99
38) 1-Methylnaphthalene	8.822	142	1043228	46.260	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	467268	55.074	ng	99
41) Hexachlorocyclopentadiene	8.875	237	43932	8.878	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	319128	54.389	ng	100
44) 2,4,5-Trichlorophenol	9.051	196	326178	48.066	ng	98

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46) 1,1'-Biphenyl	9.186	154	1347849	53.866	ng	98
47) 2-Chloronaphthalene	9.210	162	975391	53.258	ng	100
48) 2-Nitroaniline	9.310	65	319969	52.862	ng	95
49) Acenaphthylene	9.622	152	1462812	49.987	ng	100
50) Dimethylphthalate	9.486	163	1178751	53.572	ng	100
51) 2,6-Dinitrotoluene	9.551	165	251436	50.771	ng	92
52) Acenaphthene	9.798	154	930506m	47.476	ng	
53) 3-Nitroaniline	9.722	138	276547	46.964	ng	94
54) 2,4-Dinitrophenol	9.827	184	39548	15.887	ng	97
55) Dibenzofuran	9.969	168	1272157	47.583	ng	99
56) 4-Nitrophenol	9.892	139	393582	86.299	ng	90
57) 2,4-Dinitrotoluene	9.957	165	300268	47.544	ng	# 90
58) Fluorene	10.310	166	949105	48.454	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	247838	47.109	ng	# 94
60) Diethylphthalate	10.186	149	1041710	50.122	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	461100	48.306	ng	94
62) 4-Nitroaniline	10.333	138	248506	45.917	ng	97
63) Azobenzene	10.463	77	1007294	45.752	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	34988	11.857	ng	# 65
66) n-Nitrosodiphenylamine	10.421	169	842786	53.370	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	272116	51.538	ng	98
68) Hexachlorobenzene	10.863	284	281011	51.940	ng	98
69) Atrazine	10.951	200	285977	62.849	ng	98
70) Pentachlorophenol	11.057	266	311428	80.824	ng	97
71) Phenanthrene	11.268	178	1412005	53.964	ng	100
72) Anthracene	11.321	178	1373029	51.275	ng	100
73) Carbazole	11.474	167	1253556	52.574	ng	98
74) Di-n-butylphthalate	11.810	149	1478184	54.782	ng	99
75) Fluoranthene	12.463	202	1446040	55.066	ng	97
77) Benzidine	12.604	184	787348	147.877	ng	# 93
78) Pyrene	12.692	202	1596561	59.153	ng	100
80) Butylbenzylphthalate	13.304	149	622466	65.135	ng	95
81) Benzo(a)anthracene	13.874	228	1145198	52.892	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	329399	55.072	ng	99
83) Chrysene	13.909	228	1088072	50.266	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	776155	64.706	ng	98
85) Di-n-octyl phthalate	14.480	149	1279180	65.402	ng	95
87) Indeno(1,2,3-cd)pyrene	16.698	276	844920	58.217	ng	98
88) Benzo(b)fluoranthene	14.898	252	953284m	58.729	ng	
89) Benzo(k)fluoranthene	14.927	252	778934	48.409	ng	97
90) Benzo(a)pyrene	15.245	252	738329	49.973	ng	98
91) Dibenzo(a,h)anthracene	16.709	278	688830	56.906	ng	99
92) Benzo(g,h,i)perylene	17.115	276	684666	57.292	ng	97

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

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