

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133372.D
 Acq On : 12 May 2023 16:39
 Operator : CG\JU
 Sample : 02760-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-051123MS

Manual Integrations
 APPROVED

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

Quant Time: May 12 17:00:32 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	181958	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	721408	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	340922	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	516527	20.000	ng	0.00
76) Chrysene-d12	13.880	240	334389	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	281812	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1172960	97.379	ng	0.00
7) Phenol-d6	6.369	99	1397644	93.483	ng	0.00
23) Nitrobenzene-d5	7.287	82	854324	63.922	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	284515	82.982	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1440801	70.704	ng	0.00
79) Terphenyl-d14	12.833	244	1312142	67.676	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.381	88	241746	43.269	ng	97
3) Pyridine	3.075	79	633371	42.682	ng	97
4) n-Nitrosodimethylamine	3.040	42	349465	45.467	ng	99
6) Aniline	6.387	93	822764	42.727	ng	# 43
8) 2-Chlorophenol	6.510	128	665903	54.449	ng	96
10) Phenol	6.387	94	793713	48.123	ng	# 71
11) bis(2-Chloroethyl)ether	6.457	93	625030	50.500	ng	99
12) 1,3-Dichlorobenzene	6.663	146	701967	53.986	ng	98
13) 1,4-Dichlorobenzene	6.740	146	700485	53.753	ng	98
14) 1,2-Dichlorobenzene	6.893	146	666607	55.485	ng	97
15) Benzyl Alcohol	6.875	79	554468	53.689	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	988711	45.993	ng	90
17) 2-Methylphenol	6.993	107	537853	48.028	ng	96
18) Hexachloroethane	7.234	117	239110	52.776	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	417996	44.909	ng	94
20) 3+4-Methylphenols	7.145	107	655421	49.697	ng	# 71
22) Acetophenone	7.134	105	903645	54.074	ng	# 93
24) Nitrobenzene	7.310	77	667846	49.312	ng	99
25) Isophorone	7.551	82	1248555	49.203	ng	99
26) 2-Nitrophenol	7.628	139	367944	56.327	ng	91
27) 2,4-Dimethylphenol	7.675	122	588905	52.576	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	754791	50.279	ng	100
29) 2,4-Dichlorophenol	7.875	162	535295	52.496	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	548109	51.885	ng	99
31) Naphthalene	8.034	128	1806207	50.078	ng	99
32) Benzoic acid	7.810	122	363102m	52.480	ng	
33) 4-Chloroaniline	8.081	127	538608	36.959	ng	99
34) Hexachlorobutadiene	8.145	225	298200	50.931	ng	99
35) Caprolactam	8.463	113	205183m	59.899	ng	
36) 4-Chloro-3-methylphenol	8.575	107	542079	49.298	ng	95
37) 2-Methylnaphthalene	8.722	142	1180256	47.863	ng	98
38) 1-Methylnaphthalene	8.822	142	1097328	47.569	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	488697	53.314	ng	98
41) Hexachlorocyclopentadiene	8.875	237	103304	19.324	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	335707	52.957	ng	99
44) 2,4,5-Trichlorophenol	9.051	196	353190	48.174	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133372.D
 Acq On : 12 May 2023 16:39
 Operator : CG\JU
 Sample : 02760-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-051123MS

Manual Integrations
 APPROVED

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

Quant Time: May 12 17:00:32 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)
46) 1,1'-Biphenyl	9.187	154	1414995	52.342	ng	99
47) 2-Chloronaphthalene	9.210	162	1034230	52.269	ng	100
48) 2-Nitroaniline	9.310	65	335572	51.315	ng	96
49) Acenaphthylene	9.622	152	1549974	49.025	ng	100
50) Dimethylphthalate	9.486	163	1232145	51.832	ng	100
51) 2,6-Dinitrotoluene	9.551	165	274228	51.254	ng	91
52) Acenaphthene	9.798	154	1011698m	47.778	ng	
53) 3-Nitroaniline	9.722	138	292881	46.038	ng	92
54) 2,4-Dinitrophenol	9.828	184	95263	35.422	ng	97
55) Dibenzofuran	9.969	168	1361269	47.127	ng	100
56) 4-Nitrophenol	9.892	139	417477	84.727	ng	91
57) 2,4-Dinitrotoluene	9.957	165	331777	48.624	ng	# 89
58) Fluorene	10.310	166	993009	46.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	264283	46.497	ng	# 95
60) Diethylphthalate	10.186	149	1108268	49.357	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	490766	47.588	ng	93
62) 4-Nitroaniline	10.334	138	263855	45.126	ng	95
63) Azobenzene	10.463	77	1082280	45.500	ng	95
65) 4,6-Dinitro-2-methylph...	10.363	198	77083	24.621	ng	80
66) n-Nitrosodiphenylamine	10.422	169	914538	54.584	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	294854	52.633	ng	99
68) Hexachlorobenzene	10.863	284	300941	52.426	ng	95
69) Atrazine	10.951	200	307443	63.682	ng	98
70) Pentachlorophenol	11.057	266	330278	80.787	ng	98
71) Phenanthrene	11.269	178	1471214	52.994	ng	99
72) Anthracene	11.322	178	1434801	50.501	ng	99
73) Carbazole	11.475	167	1275444	50.417	ng	98
74) Di-n-butylphthalate	11.810	149	1558472	54.437	ng	99
75) Fluoranthene	12.457	202	1420275	50.975	ng	100
77) Benzidine	12.604	184	764228	135.149	ng	# 93
78) Pyrene	12.692	202	1588215	55.406	ng	99
80) Butylbenzylphthalate	13.304	149	639966	63.054	ng	97
81) Benzo(a)anthracene	13.874	228	1244543	54.123	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	334771	52.700	ng	100
83) Chrysene	13.910	228	1169632	50.877	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	789380	61.963	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1397364	67.270	ng	95
87) Indeno(1,2,3-cd)pyrene	16.692	276	871824	54.387	ng	99
88) Benzo(b)fluoranthene	14.898	252	988104m	55.113	ng	
89) Benzo(k)fluoranthene	14.927	252	958197	53.915	ng	98
90) Benzo(a)pyrene	15.245	252	822653	50.412	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	719949	53.849	ng	99
92) Benzo(g,h,i)perylene	17.110	276	707368	53.591	ng	98

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

