

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053097.D
 Acq On : 11 Apr 2022 12:15
 Operator : CG/JU
 Sample : PB143990BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143990BSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/12/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 06:07:12 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 08 15:31:24 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	31874	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	129277	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	93882	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	225457	20.000	ng	0.00
76) Chrysene-d12	21.769	240	237626	20.000	ng	0.00
86) Perylene-d12	25.071	264	251459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	277113	149.031	ng	0.00
7) Phenol-d6	7.277	99	389108	135.699	ng	0.00
23) Nitrobenzene-d5	9.280	82	279438	87.766	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	197588	132.288	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	604573	88.797	ng	0.00
79) Terphenyl-d14	20.089	244	1244554	88.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.565	88	32808	36.947	ng	92
3) Pyridine	3.958	79	85861	36.661	ng	# 88
4) n-Nitrosodimethylamine	3.870	42	58566	50.498	ng	94
6) Aniline	7.436	93	133558	40.190	ng	96
8) 2-Chlorophenol	7.683	128	106865	53.235	ng	94
9) Benzaldehyde	7.248	77	84752	49.447	ng	96
10) Phenol	7.307	94	143757	50.366	ng	89
11) bis(2-Chloroethyl)ether	7.530	93	101172	49.173	ng	96
12) 1,3-Dichlorobenzene	8.012	146	113428	48.626	ng	# 93
13) 1,4-Dichlorobenzene	8.153	146	114475	48.137	ng	95
14) 1,2-Dichlorobenzene	8.476	146	111527	48.633	ng	98
15) Benzyl Alcohol	8.352	79	124863	48.990	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.646	45	163159	47.499	ng	99
17) 2-Methylphenol	8.558	107	96307	49.862	ng	94
18) Hexachloroethane	9.210	117	43931	49.262	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	95315	45.404	ng	# 94
20) 3+4-Methylphenols	8.881	107	134250	49.237	ng	97
22) Acetophenone	8.940	105	169588	47.285	ng	94
24) Nitrobenzene	9.322	77	148933	48.091	ng	91
25) Isophorone	9.844	82	264276	48.834	ng	97
26) 2-Nitrophenol	10.038	139	60005	46.336	ng	# 86
27) 2,4-Dimethylphenol	10.091	122	106342	57.338	ng	94
28) bis(2-Chloroethoxy)met...	10.326	93	140316	46.152	ng	98
29) 2,4-Dichlorophenol	10.579	162	115332	49.465	ng	98
30) 1,2,4-Trichlorobenzene	10.796	180	123566	46.826	ng	97
31) Naphthalene	10.984	128	318758	46.216	ng	99
32) Benzoic acid	10.238	122	53524m	44.620	ng	
33) 4-Chloroaniline	11.084	127	63933	21.646	ng	97
34) Hexachlorobutadiene	11.272	225	88777	45.289	ng	95
35) Caprolactam	11.853	113	38194m	46.474	ng	
36) 4-Chloro-3-methylphenol	12.200	107	129484	47.702	ng	92
37) 2-Methylnaphthalene	12.582	142	232016	45.461	ng	96
38) 1-Methylnaphthalene	12.799	142	223853	44.935	ng	92
40) 1,2,4,5-Tetrachloroben...	12.946	216	149085	46.756	ng	98
41) Hexachlorocyclopentadiene	12.928	237	201881	122.649	ng	94
43) 2,4,6-Trichlorophenol	13.181	196	104420	47.498	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053097.D
 Acq On : 11 Apr 2022 12:15
 Operator : CG/JU
 Sample : PB143990BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143990BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 06:07:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	113708	48.538	ng	97
46) 1,1'-Biphenyl	13.581	154	323975	47.920	ng	99
47) 2-Chloronaphthalene	13.622	162	253535	47.004	ng	96
48) 2-Nitroaniline	13.821	65	99594	48.654	ng	90
49) Acenaphthylene	14.468	152	430127	50.941	ng	99
50) Dimethylphthalate	14.191	163	354798	47.249	ng	100
51) 2,6-Dinitrotoluene	14.309	165	78243	49.947	ng	87
52) Acenaphthene	14.808	154	314773m	54.972	ng	
53) 3-Nitroaniline	14.638	138	51560	31.127	ng	96
54) 2,4-Dinitrophenol	14.849	184	99700	100.025	ng	# 88
55) Dibenzofuran	15.143	168	409294	45.649	ng	98
56) 4-Nitrophenol	14.955	139	130359	103.187	ng	# 76
57) 2,4-Dinitrotoluene	15.096	165	110500	49.546	ng	87
58) Fluorene	15.789	166	338052	46.682	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.366	232	110752m	48.681	ng	
60) Diethylphthalate	15.548	149	366988	46.646	ng	99
61) 4-Chlorophenyl-phenyle...	15.772	204	188509	45.921	ng	97
62) 4-Nitroaniline	15.801	138	81192	46.451	ng	# 83
63) Azobenzene	16.065	77	364922	46.005	ng	96
65) 4,6-Dinitro-2-methylph...	15.866	198	68766	43.718	ng	96
66) n-Nitrosodiphenylamine	15.989	169	312589	48.214	ng	98
67) 4-Bromophenyl-phenylether	16.670	248	135450	46.887	ng	96
68) Hexachlorobenzene	16.800	284	150509	48.108	ng	95
69) Atrazine	16.935	200	135128	53.357	ng	98
70) Pentachlorophenol	17.140	266	179356	104.897	ng	91
71) Phenanthrene	17.528	178	591226	48.009	ng	99
72) Anthracene	17.622	178	597134	48.944	ng	99
73) Carbazole	17.886	167	549904	46.369	ng	99
74) Di-n-butylphthalate	18.439	149	644823	47.941	ng	99
75) Fluoranthene	19.537	202	789430	50.010	ng	99
77) Benzidine	19.708	184	467314	68.927	ng	99
78) Pyrene	19.895	202	782792	46.254	ng	99
80) Butylbenzylphthalate	20.771	149	294350	46.652	ng	95
81) Benzo(a)anthracene	21.752	228	789466	48.591	ng	98
82) 3,3'-Dichlorobenzidine	21.658	252	184380	30.858	ng	98
83) Chrysene	21.822	228	710807	47.140	ng	100
84) Bis(2-ethylhexyl)phtha...	21.646	149	416810	48.872	ng	98
85) Di-n-octyl phthalate	22.880	149	706318	49.519	ng	96
87) Indeno(1,2,3-cd)pyrene	28.854	276	886100	47.431	ng	99
88) Benzo(b)fluoranthene	24.019	252	811086	51.122	ng	99
89) Benzo(k)fluoranthene	24.090	252	780930	50.082	ng	99
90) Benzo(a)pyrene	24.918	252	776741	57.468	ng	99
91) Dibenzo(a,h)anthracene	28.919	278	762528	49.591	ng	96
92) Benzo(g,h,i)perylene	30.041	276	751553	49.590	ng	97

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

