

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054853.D
 Acq On : 6 Sep 2022 15:42
 Operator : CG/JU
 Sample : PB147406BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147406BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 04:55:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	44363	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	186564	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	127679	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	298434	20.000	ng	0.00
76) Chrysene-d12	21.822	240	276059	20.000	ng	0.00
86) Perylene-d12	25.194	264	297621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	348626	136.845	ng	0.00
7) Phenol-d6	7.304	99	466389	133.864	ng	0.00
23) Nitrobenzene-d5	9.325	82	273839	77.054	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	212392	133.125	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	670642	78.947	ng	0.00
79) Terphenyl-d14	20.130	244	1203348	86.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	37986	31.225	ng	96
3) Pyridine	3.931	79	105512	31.096	ng	95
4) n-Nitrosodimethylamine	3.849	42	56008	38.185	ng	94
6) Aniline	7.468	93	164500	39.739	ng	97
8) 2-Chlorophenol	7.709	128	138943	49.918	ng	99
9) Benzaldehyde	7.280	77	36609	16.032	ng	94
10) Phenol	7.327	94	171037	47.736	ng	98
11) bis(2-Chloroethyl)ether	7.556	93	124224	43.109	ng	97
12) 1,3-Dichlorobenzene	8.038	146	142019	44.091	ng	96
13) 1,4-Dichlorobenzene	8.185	146	143852	44.276	ng	97
14) 1,2-Dichlorobenzene	8.508	146	141778	46.020	ng	99
15) Benzyl Alcohol	8.385	79	119126m	47.328	ng	
16) 2,2'-oxybis(1-Chloropr...	8.673	45	180970	40.135	ng	98
17) 2-Methylphenol	8.590	107	118974	48.228	ng	96
18) Hexachloroethane	9.237	117	51244	43.495	ng	99
19) n-Nitroso-di-n-propyla...	8.955	70	103338	43.132	ng	# 95
20) 3+4-Methylphenols	8.919	107	162079	47.380	ng	97
22) Acetophenone	8.978	105	199439	42.730	ng	# 97
24) Nitrobenzene	9.366	77	146832	40.991	ng	95
25) Isophorone	9.889	82	287580	43.399	ng	98
26) 2-Nitrophenol	10.083	139	76160	48.133	ng	99
27) 2,4-Dimethylphenol	10.130	122	132590	52.888	ng	97
28) bis(2-Chloroethoxy)met...	10.365	93	175997	46.611	ng	99
29) 2,4-Dichlorophenol	10.617	162	135283	47.443	ng	98
30) 1,2,4-Trichlorobenzene	10.835	180	140342	43.068	ng	99
31) Naphthalene	11.029	128	417999	41.760	ng	99
32) Benzoic acid	10.324	122	23610m	18.850	ng	
33) 4-Chloroaniline	11.134	127	113792	27.885	ng	96
34) Hexachlorobutadiene	11.299	225	91550	43.849	ng	99
35) Caprolactam	11.904	113	47170m	46.888	ng	
36) 4-Chloro-3-methylphenol	12.245	107	146129	46.863	ng	98
37) 2-Methylnaphthalene	12.621	142	300878	42.887	ng	99
38) 1-Methylnaphthalene	12.838	142	286787	42.016	ng	99
40) 1,2,4,5-Tetrachloroben...	12.985	216	169070	43.928	ng	99
41) Hexachlorocyclopentadiene	12.956	237	166094	81.373	ng	98
43) 2,4,6-Trichlorophenol	13.220	196	109862	43.005	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054853.D
 Acq On : 6 Sep 2022 15:42
 Operator : CG/JU
 Sample : PB147406BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147406BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 04:55:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.297	196	122611	42.737	ng	98
46) 1,1'-Biphenyl	13.620	154	408407	43.074	ng	98
47) 2-Chloronaphthalene	13.667	162	304946	42.349	ng	99
48) 2-Nitroaniline	13.866	65	95789	42.447	ng	94
49) Acenaphthylene	14.507	152	503223	42.350	ng	99
50) Dimethylphthalate	14.231	163	416097	42.301	ng	99
51) 2,6-Dinitrotoluene	14.354	165	91388	45.423	ng	88
52) Acenaphthene	14.848	154	350582m	45.931	ng	
53) 3-Nitroaniline	14.689	138	74687	33.161	ng	96
54) 2,4-Dinitrophenol	14.901	184	89812	79.173	ng	99
55) Dibenzofuran	15.183	168	479065	42.713	ng	99
56) 4-Nitrophenol	15.000	139	154511	88.649	ng	92
57) 2,4-Dinitrotoluene	15.141	165	131699	47.324	ng	86
58) Fluorene	15.829	166	402317	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.406	232	106119	41.033	ng	99
60) Diethylphthalate	15.582	149	423137	43.079	ng	98
61) 4-Chlorophenyl-phenyle...	15.811	204	210855	45.237	ng	99
62) 4-Nitroaniline	15.852	138	100751	43.814	ng	95
63) Azobenzene	16.105	77	370261	39.665	ng	96
65) 4,6-Dinitro-2-methylph...	15.905	198	70575	46.458	ng	99
66) n-Nitrosodiphenylamine	16.029	169	368499	42.817	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	148190	45.227	ng	97
68) Hexachlorobenzene	16.828	284	167175	45.386	ng	97
69) Atrazine	16.969	200	143660	47.315	ng	100
70) Pentachlorophenol	17.180	266	141175	70.541	ng	99
71) Phenanthrene	17.574	178	668777	42.067	ng	99
72) Anthracene	17.662	178	681445	44.088	ng	100
73) Carbazole	17.932	167	641540	45.050	ng	100
74) Di-n-butylphthalate	18.473	149	776383	43.084	ng	99
75) Fluoranthene	19.577	202	824812	42.649	ng	99
77) Benzidine	19.754	184	375932	54.980	ng	100
78) Pyrene	19.942	202	833863	43.319	ng	99
80) Butylbenzylphthalate	20.805	149	332998	41.473	ng	96
81) Benzo(a)anthracene	21.804	228	801600	42.826	ng	99
82) 3,3'-Dichlorobenzidine	21.710	252	253959	38.698	ng	99
83) Chrysene	21.875	228	746726	41.724	ng	99
84) Bis(2-ethylhexyl)phtha...	21.681	149	488419	42.221	ng	99
85) Di-n-octyl phthalate	22.938	149	824553	42.031	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.090	276	961536	42.556	ng	99
88) Benzo(b)fluoranthene	24.119	252	848023	45.422	ng	99
89) Benzo(k)fluoranthene	24.195	252	827964	44.065	ng	98
90) Benzo(a)pyrene	25.042	252	744744	46.690	ng	98
91) Dibenzo(a,h)anthracene	29.160	278	841699	45.726	ng	98
92) Benzo(g,h,i)perylene	30.312	276	825958	44.416	ng	97

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

