

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057639.D
 Acq On : 6 Jun 2023 16:05
 Operator : CG/JU
 Sample : PB153188BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153188BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 06 17:40:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	22179	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	95175	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	71974	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	183045	20.000	ng	0.00
76) Chrysene-d12	22.006	240	153706	20.000	ng	0.00
86) Perylene-d12	25.496	264	166726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	205058	160.624	ng	0.00
7) Phenol-d6	7.491	99	299297	149.805	ng	0.00
23) Nitrobenzene-d5	9.523	82	185423	91.072	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	153162	132.916	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	481064	96.055	ng	0.00
79) Terphenyl-d14	20.268	244	908732	102.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.643	88	19967	37.749	ng	95
3) Pyridine	4.072	79	55712	34.452	ng	98
4) n-Nitrosodimethylamine	3.978	42	28038	42.853	ng	90
6) Aniline	7.649	93	78821	32.611	ng	98
8) 2-Chlorophenol	7.902	128	75887	55.369	ng	95
9) Benzaldehyde	7.467	77	44584	33.681	ng	98
10) Phenol	7.520	94	104086	55.043	ng	98
11) bis(2-Chloroethyl)ether	7.743	93	69253	49.047	ng	96
12) 1,3-Dichlorobenzene	8.225	146	75999	52.049	ng	98
13) 1,4-Dichlorobenzene	8.372	146	75940	51.121	ng	97
14) 1,2-Dichlorobenzene	8.701	146	75258	51.940	ng	98
15) Benzyl Alcohol	8.578	79	76109	49.522	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.860	45	91527	52.203	ng	96
17) 2-Methylphenol	8.789	107	70843	51.015	ng	97
18) Hexachloroethane	9.435	117	27725	54.507	ng	95
19) n-Nitroso-di-n-propyla...	9.142	70	65887	47.468	ng	95
20) 3+4-Methylphenols	9.118	107	98894	50.731	ng	96
22) Acetophenone	9.171	105	118982	46.752	ng	# 94
24) Nitrobenzene	9.565	77	94693	45.819	ng	99
25) Isophorone	10.081	82	182448	45.591	ng	98
26) 2-Nitrophenol	10.281	139	43602	49.205	ng	97
27) 2,4-Dimethylphenol	10.328	122	81962	53.499	ng	98
28) bis(2-Chloroethoxy)met...	10.557	93	104698	50.454	ng	98
29) 2,4-Dichlorophenol	10.828	162	85150	52.919	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	84743	48.323	ng	99
31) Naphthalene	11.227	128	231769	46.034	ng	98
32) Benzoic acid	10.493	122	35645m	41.026	ng	
33) 4-Chloroaniline	11.339	127	63516	27.433	ng	99
34) Hexachlorobutadiene	11.497	225	57553	47.449	ng	96
35) Caprolactam	12.108	113	29797m	44.670	ng	
36) 4-Chloro-3-methylphenol	12.443	107	95888	50.345	ng	97
37) 2-Methylnaphthalene	12.813	142	177096	44.818	ng	98
38) 1-Methylnaphthalene	13.025	142	167658	44.462	ng	97
40) 1,2,4,5-Tetrachloroben...	13.171	216	115865	49.045	ng	99
41) Hexachlorocyclopentadiene	13.142	237	66541	97.536	ng	93
43) 2,4,6-Trichlorophenol	13.412	196	76278	51.287	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057639.D
 Acq On : 6 Jun 2023 16:05
 Operator : CG/JU
 Sample : PB153188BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153188BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 06 17:40:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.495	196	83268	47.008	ng	95
46) 1,1'-Biphenyl	13.794	154	259106	50.370	ng	99
47) 2-Chloronaphthalene	13.847	162	194937	50.311	ng	96
48) 2-Nitroaniline	14.053	65	64808	47.751	ng	100
49) Acenaphthylene	14.687	152	316738	48.275	ng	99
50) Dimethylphthalate	14.393	163	275862	46.504	ng	100
51) 2,6-Dinitrotoluene	14.534	165	62093	48.899	ng	97
52) Acenaphthene	15.022	154	192409	47.926	ng	95
53) 3-Nitroaniline	14.869	138	39206	29.601	ng	97
54) 2,4-Dinitrophenol	15.086	184	68264	88.309	ng	97
55) Dibenzofuran	15.357	168	320806	46.764	ng	97
56) 4-Nitrophenol	15.180	139	81277	92.103	ng	94
57) 2,4-Dinitrotoluene	15.321	165	91413	48.080	ng	# 99
58) Fluorene	16.003	166	271538	46.880	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.586	232	79060	47.641	ng	99
60) Diethylphthalate	15.739	149	289540	46.764	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	155276	48.103	ng	99
62) 4-Nitroaniline	16.026	138	60632	42.438	ng	89
63) Azobenzene	16.273	77	262816	47.730	ng	98
65) 4,6-Dinitro-2-methylph...	16.091	198	55020	49.366	ng	96
66) n-Nitrosodiphenylamine	16.197	169	241149	50.687	ng	100
67) 4-Bromophenyl-phenylether	16.872	248	104041	50.671	ng	98
68) Hexachlorobenzene	17.007	284	111749	52.799	ng	98
69) Atrazine	17.125	200	109321	53.520	ng	99
70) Pentachlorophenol	17.354	266	87725	81.344	ng	98
71) Phenanthrene	17.742	178	462188	49.342	ng	99
72) Anthracene	17.836	178	464961	48.386	ng	98
73) Carbazole	18.100	167	416640	48.467	ng	99
74) Di-n-butylphthalate	18.611	149	480441	47.079	ng	99
75) Fluoranthene	19.733	202	541646	44.542	ng	99
77) Benzidine	19.898	184	217803	46.828	ng	98
78) Pyrene	20.091	202	554201	50.639	ng	99
80) Butylbenzylphthalate	20.937	149	205557	51.572	ng	98
81) Benzo(a)anthracene	21.983	228	531396	49.833	ng	99
82) 3,3'-Dichlorobenzidine	21.877	252	116230	29.557	ng	100
83) Chrysene	22.054	228	480787	47.711	ng	99
84) Bis(2-ethylhexyl)phtha...	21.819	149	294616	51.818	ng	98
85) Di-n-octyl phthalate	23.105	149	491996	52.207	ng	100
87) Indeno(1,2,3-cd)pyrene	29.543	276	589136	50.682	ng	# 84
88) Benzo(b)fluoranthene	24.380	252	532893	51.926	ng	98
89) Benzo(k)fluoranthene	24.456	252	523926	50.586	ng	98
90) Benzo(a)pyrene	25.331	252	468466	46.809	ng	100
91) Dibenzo(a,h)anthracene	29.596	278	494042	51.068	ng	99
92) Benzo(g,h,i)perylene	30.818	276	481077	50.989	ng	98

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

Manual Integrations

Quant Time: Jun 06 17:40:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

