

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056994.D
 Acq On : 5 Apr 2023 17:17
 Operator : CG/JU
 Sample : 02109-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

04/06/2023

Supervised By :Jagrut

Upadhyay

04/06/2023

Quant Time: Apr 06 02:00:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	14746	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	60739	20.000	ng	# 0.00
39) Acenaphthene-d10	15.027	164	47045	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	113641	20.000	ng	0.00
76) Chrysene-d12	22.088	240	92850	20.000	ng	0.00
86) Perylene-d12	25.631	264	100380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	108938	118.235	ng	0.00
7) Phenol-d6	7.543	99	160910	116.769	ng	0.00
23) Nitrobenzene-d5	9.588	82	100307	67.573	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	88506	117.763	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	241269	69.543	ng	0.00
79) Terphenyl-d14	20.332	244	394666	71.927	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.725	88	14921	36.943	ng	# 94
3) Pyridine	4.148	79	45576	35.034	ng	97
4) n-Nitrosodimethylamine	4.054	42	24550	41.046	ng	94
6) Aniline	7.720	93	54006	30.656	ng	98
8) 2-Chlorophenol	7.972	128	46325	50.478	ng	88
9) Benzaldehyde	7.532	77	34303	39.688	ng	99
10) Phenol	7.573	94	68472	50.147	ng	98
11) bis(2-Chloroethyl)ether	7.808	93	42774	43.978	ng	97
12) 1,3-Dichlorobenzene	8.295	146	49383	48.699	ng	92
13) 1,4-Dichlorobenzene	8.448	146	51254	50.080	ng	97
14) 1,2-Dichlorobenzene	8.771	146	49075	49.632	ng	95
15) Benzyl Alcohol	8.642	79	53968	47.133	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.930	45	51575m	43.999	ng	
17) 2-Methylphenol	8.842	107	46012	47.233	ng	91
18) Hexachloroethane	9.517	117	18703	49.998	ng	95
19) n-Nitroso-di-n-propyla...	9.218	70	42294	42.910	ng	98
20) 3+4-Methylphenols	9.171	107	64197	47.128	ng	96
22) Acetophenone	9.241	105	77081	42.648	ng	# 96
24) Nitrobenzene	9.635	77	64181	42.290	ng	97
25) Isophorone	10.158	82	116594	41.247	ng	98
26) 2-Nitrophenol	10.351	139	28075	47.926	ng	92
27) 2,4-Dimethylphenol	10.392	122	49699	48.052	ng	98
28) bis(2-Chloroethoxy)met...	10.627	93	60866	43.010	ng	95
29) 2,4-Dichlorophenol	10.892	162	54230	48.754	ng	97
30) 1,2,4-Trichlorobenzene	11.109	180	54152	45.819	ng	99
31) Naphthalene	11.309	128	144677	43.700	ng	98
32) Benzoic acid	10.463	122	7505m	10.564	ng	
33) 4-Chloroaniline	11.403	127	38125	25.497	ng	97
34) Hexachlorobutadiene	11.579	225	38673	43.561	ng	95
35) Caprolactam	12.172	113	17559	45.774	ng	93
36) 4-Chloro-3-methylphenol	12.490	107	60137	48.344	ng	97
37) 2-Methylnaphthalene	12.883	142	111388	42.392	ng	99
38) 1-Methylnaphthalene	13.101	142	103879	42.102	ng	94
40) 1,2,4,5-Tetrachloroben...	13.242	216	76098	46.646	ng	99
41) Hexachlorocyclopentadiene	13.218	237	97922	108.941	ng	95
43) 2,4,6-Trichlorophenol	13.471	196	52946	50.858	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056994.D
 Acq On : 5 Apr 2023 17:17
 Operator : CG/JU
 Sample : 02109-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02MS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 04/06/2023
 Supervised By :Jagrut
 Upadhyay
 04/06/2023

Quant Time: Apr 06 02:00:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	57788	46.857	ng	94
46) 1,1'-Biphenyl	13.864	154	160084	46.484	ng	98
47) 2-Chloronaphthalene	13.917	162	121719	47.788	ng	97
48) 2-Nitroaniline	14.105	65	42870	47.071	ng	94
49) Acenaphthylene	14.757	152	189931	45.386	ng	99
50) Dimethylphthalate	14.463	163	167038	45.062	ng	99
51) 2,6-Dinitrotoluene	14.593	165	37026	46.231	ng	94
52) Acenaphthene	15.092	154	144644	50.116	ng	98
53) 3-Nitroaniline	14.922	138	25273	31.881	ng	91
54) 2,4-Dinitrophenol	15.127	184	38921	86.339	ng	# 91
55) Dibenzofuran	15.421	168	197847	45.673	ng	98
56) 4-Nitrophenol	15.215	139	59846	102.091	ng	93
57) 2,4-Dinitrotoluene	15.374	165	52141	46.160	ng	97
58) Fluorene	16.067	166	162341	45.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.638	232	56284	50.123	ng	# 99
60) Diethylphthalate	15.809	149	166388	44.775	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	95988	45.609	ng	94
62) 4-Nitroaniline	16.079	138	37510	45.669	ng	95
63) Azobenzene	16.337	77	165732	44.752	ng	98
65) 4,6-Dinitro-2-methylph...	16.138	198	34036	49.452	ng	92
66) n-Nitrosodiphenylamine	16.261	169	139067	45.587	ng	99
67) 4-Bromophenyl-phenylether	16.942	248	63778	45.358	ng	96
68) Hexachlorobenzene	17.072	284	67600	48.628	ng	99
69) Atrazine	17.195	200	59781	47.209	ng	94
70) Pentachlorophenol	17.412	266	79207	79.420	ng	96
71) Phenanthrene	17.812	178	263691	45.511	ng	99
72) Anthracene	17.900	178	265198	44.649	ng	98
73) Carbazole	18.164	167	230607	44.531	ng	97
74) Di-n-butylphthalate	18.687	149	262828	43.829	ng	99
75) Fluoranthene	19.797	202	294889	40.150	ng	98
77) Benzidine	19.962	184	113016	44.531	ng	97
78) Pyrene	20.156	202	290692	45.265	ng	98
80) Butylbenzylphthalate	21.013	149	103939	47.033	ng	95
81) Benzo(a)anthracene	22.065	228	285504	44.435	ng	99
82) 3,3'-Dichlorobenzidine	21.959	252	71367	32.893	ng	99
83) Chrysene	22.141	228	261166	43.412	ng	99
84) Bis(2-ethylhexyl)phtha...	21.918	149	143246	44.764	ng	99
85) Di-n-octyl phthalate	23.234	149	237940	44.123	ng	99
87) Indeno(1,2,3-cd)pyrene	29.725	276	329023	44.351	ng	# 97
88) Benzo(b)fluoranthene	24.497	252	286856	45.699	ng	99
89) Benzo(k)fluoranthene	24.573	252	285815	45.609	ng	100
90) Benzo(a)pyrene	25.466	252	251495	40.773	ng	99
91) Dibenzo(a,h)anthracene	29.790	278	280385	45.980	ng	98
92) Benzo(g,h,i)perylene	31.017	276	265385	44.445	ng	97

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

