

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054412.D
 Acq On : 27 Jul 2022 11:59
 Operator : CG/JU
 Sample : PB146452BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146452BS

Quant Time: Jul 28 04:33:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/28/2022
 Supervised By : Jagrut Upadhyay 07/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	16091	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	62333	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	49468	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	135493	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	147482	20.000	ng	# 0.00
86) Perylene-d12	24.826	264	156952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	107466	139.442	ng	0.00
7) Phenol-d6	7.171	99	140851	133.378	ng	0.00
23) Nitrobenzene-d5	9.151	82	91737	80.146	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	131135	126.256	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	282776	80.640	ng	0.00
79) Terphenyl-d14	19.973	244	674060	90.669	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	9147	29.833	ng	# 91
3) Pyridine	3.810	79	26248	33.747	ng	94
4) n-Nitrosodimethylamine	3.728	42	18851	43.345	ng	# 84
6) Aniline	7.306	93	50471	41.405	ng	99
8) 2-Chlorophenol	7.558	128	41974	47.392	ng	92
9) Benzaldehyde	7.118	77	21185	38.998	ng	80
10) Phenol	7.200	94	49690	47.359	ng	92
11) bis(2-Chloroethyl)ether	7.400	93	34190	44.692	ng	90
12) 1,3-Dichlorobenzene	7.876	146	46609	43.192	ng	90
13) 1,4-Dichlorobenzene	8.023	146	47366	42.504	ng	97
14) 1,2-Dichlorobenzene	8.340	146	46403	44.157	ng	99
15) Benzyl Alcohol	8.228	79	39742m	45.757	ng	
16) 2,2'-oxybis(1-Chloropr...	8.516	45	44182	45.857	ng	95
17) 2-Methylphenol	8.446	107	36010	47.617	ng	95
18) Hexachloroethane	9.068	117	16576	44.923	ng	# 60
19) n-Nitroso-di-n-propyla...	8.792	70	30391	43.096	ng	# 92
20) 3+4-Methylphenols	8.775	107	48148	45.186	ng	98
22) Acetophenone	8.810	105	63311	42.230	ng	# 96
24) Nitrobenzene	9.192	77	46809	41.845	ng	# 84
25) Isophorone	9.721	82	87522	43.966	ng	# 94
26) 2-Nitrophenol	9.909	139	23964	42.500	ng	95
27) 2,4-Dimethylphenol	9.973	122	40157	51.554	ng	90
28) bis(2-Chloroethoxy)met...	10.196	93	47920	47.728	ng	97
29) 2,4-Dichlorophenol	10.461	162	51960	44.194	ng	90
30) 1,2,4-Trichlorobenzene	10.661	180	59039	40.545	ng	94
31) Naphthalene	10.843	128	129180	41.285	ng	98
32) Benzoic acid	10.138	122	12096	40.542	ng	# 85
33) 4-Chloroaniline	10.960	127	50808	39.930	ng	# 90
34) Hexachlorobutadiene	11.131	225	50752	39.439	ng	99
35) Caprolactam	11.736	113	13834m	46.730	ng	
36) 4-Chloro-3-methylphenol	12.100	107	49639	46.409	ng	# 85
37) 2-Methylnaphthalene	12.453	142	98868	41.146	ng	97
38) 1-Methylnaphthalene	12.670	142	95147	40.637	ng	94
40) 1,2,4,5-Tetrachloroben...	12.823	216	91427	42.186	ng	# 94
41) Hexachlorocyclopentadiene	12.799	237	48929	70.629	ng	96
43) 2,4,6-Trichlorophenol	13.070	196	52053	44.111	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.152	196	54502	40.876	ng	# 92
46) 1,1'-Biphenyl	13.457	154	146041	43.153	ng	96
47) 2-Chloronaphthalene	13.504	162	118734	41.923	ng	97
48) 2-Nitroaniline	13.704	65	33239	44.969	ng	90
49) Acenaphthylene	14.345	152	177624	42.207	ng	98
50) Dimethylphthalate	14.074	163	165166	42.745	ng	# 99
51) 2,6-Dinitrotoluene	14.198	165	37666	44.443	ng	# 80
52) Acenaphthene	14.685	154	108424	42.546	ng	98
53) 3-Nitroaniline	14.527	138	28010	39.517	ng	84
54) 2,4-Dinitrophenol	14.750	184	38965	79.275	ng	# 79
55) Dibenzofuran	15.020	168	192813	42.523	ng	94
56) 4-Nitrophenol	14.873	139	39516	83.561	ng	98
57) 2,4-Dinitrotoluene	14.997	165	55066	45.323	ng	# 81
58) Fluorene	15.672	166	157098	42.139	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.261	232	51702	39.829	ng	# 87
60) Diethylphthalate	15.437	149	162900	43.947	ng	95
61) 4-Chlorophenyl-phenyle...	15.655	204	107303	43.848	ng	# 89
62) 4-Nitroaniline	15.696	138	32349	43.440	ng	87
63) Azobenzene	15.954	77	116260	43.408	ng	83
65) 4,6-Dinitro-2-methylph...	15.766	198	32912	39.317	ng	75
66) n-Nitrosodiphenylamine	15.872	169	147460	43.591	ng	96
67) 4-Bromophenyl-phenylether	16.554	248	81227	42.685	ng	# 89
68) Hexachlorobenzene	16.683	284	93170	42.814	ng	# 91
69) Atrazine	16.818	200	76570	50.866	ng	94
70) Pentachlorophenol	17.036	266	65818	70.216	ng	95
71) Phenanthrene	17.412	178	283298	41.986	ng	98
72) Anthracene	17.500	178	287421	43.408	ng	99
73) Carbazole	17.770	167	246304	45.182	ng	98
74) Di-n-butylphthalate	18.322	149	285391	44.363	ng	98
75) Fluoranthene	19.421	202	378092	41.106	ng	95
77) Benzidine	19.597	184	178296	66.752	ng	97
78) Pyrene	19.785	202	382140	45.157	ng	99
80) Butylbenzylphthalate	20.661	149	115324	43.731	ng	# 84
81) Benzo(a)anthracene	21.613	228	402227	42.964	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	115688	39.733	ng	# 96
83) Chrysene	21.677	228	372941	42.164	ng	98
84) Bis(2-ethylhexyl)phtha...	21.507	149	164647	44.123	ng	# 93
85) Di-n-octyl phthalate	22.705	149	279264	43.868	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.510	276	495490	41.498	ng	# 98
88) Benzo(b)fluoranthene	23.816	252	427004	46.004	ng	# 98
89) Benzo(k)fluoranthene	23.886	252	403298	43.658	ng	# 97
90) Benzo(a)pyrene	24.680	252	372891	47.041	ng	# 99
91) Dibenzo(a,h)anthracene	28.551	278	433364	44.139	ng	# 94
92) Benzo(g,h,i)perylene	29.644	276	425886	43.950	ng	# 93

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

