

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053028.D
 Acq On : 5 Apr 2022 12:38
 Operator : CG/JU
 Sample : PB143836BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143836BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/06/2022

Quant Time: Apr 05 14:26:53 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 05 14:24:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	33190	20.000	ng	0.00
21) Naphthalene-d8	10.944	136	130416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.756	164	99321	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	235839	20.000	ng	0.00
76) Chrysene-d12	21.782	240	244841	20.000	ng	0.00
86) Perylene-d12	25.083	264	253860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	244481	128.282	ng	0.00
7) Phenol-d6	7.284	99	348875	121.423	ng	0.00
23) Nitrobenzene-d5	9.293	82	240934	92.723	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	177139	132.727	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	524670	77.910	ng	0.00
79) Terphenyl-d14	20.096	244	1057821	76.854	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.583	88	32135	33.708	ng	# 92
3) Pyridine	3.982	79	69104	28.277	ng	# 86
4) n-Nitrosodimethylamine	3.888	42	50028	46.146	ng	81
6) Aniline	7.454	93	114067	33.858	ng	95
8) 2-Chlorophenol	7.695	128	91017	45.451	ng	92
9) Benzaldehyde	7.260	77	59640	37.027	ng	91
10) Phenol	7.313	94	127999	45.130	ng	90
11) bis(2-Chloroethyl)ether	7.542	93	88443	41.292	ng	91
12) 1,3-Dichlorobenzene	8.024	146	95900m	39.774	ng	
13) 1,4-Dichlorobenzene	8.171	146	97693	40.327	ng	95
14) 1,2-Dichlorobenzene	8.488	146	94783	41.370	ng	93
15) Benzyl Alcohol	8.365	79	107246	44.330	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.653	45	147853	39.639	ng	98
17) 2-Methylphenol	8.570	107	87338	46.192	ng	94
18) Hexachloroethane	9.228	117	38013	42.768	ng	97
19) n-Nitroso-di-n-propyla...	8.935	70	86138	42.329	ng	# 94
20) 3+4-Methylphenols	8.893	107	118595	44.819	ng	92
22) Acetophenone	8.952	105	146517	43.413	ng	# 97
24) Nitrobenzene	9.334	77	131891	50.729	ng	90
25) Isophorone	9.857	82	223438	44.409	ng	99
26) 2-Nitrophenol	10.051	139	51894	57.477	ng	91
27) 2,4-Dimethylphenol	10.104	122	89540	48.476	ng	93
28) bis(2-Chloroethoxy)met...	10.339	93	122532	41.187	ng	99
29) 2,4-Dichlorophenol	10.585	162	100301	48.258	ng	97
30) 1,2,4-Trichlorobenzene	10.808	180	105635	43.083	ng	96
31) Naphthalene	10.996	128	281853	41.793	ng	98
32) Benzoic acid	10.233	122	50071	37.863	ng	91
33) 4-Chloroaniline	11.096	127	70178	24.552	ng	97
34) Hexachlorobutadiene	11.284	225	76099	43.289	ng	97
35) Caprolactam	11.860	113	33558m	59.130	ng	
36) 4-Chloro-3-methylphenol	12.207	107	112291	46.525	ng	95
37) 2-Methylnaphthalene	12.594	142	213188	43.165	ng	96
38) 1-Methylnaphthalene	12.812	142	199446	41.377	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.959	216	134733	43.420	ng	99
41) Hexachlorocyclopentadiene	12.941	237	178267	96.921	ng	91
43) 2,4,6-Trichlorophenol	13.193	196	91708	46.150	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.264	196	99688	49.425	ng	96
46) 1,1'-Biphenyl	13.587	154	287442	41.383	ng	97
47) 2-Chloronaphthalene	13.634	162	220894	40.383	ng	96
48) 2-Nitroaniline	13.828	65	87505	58.494	ng	96
49) Acenaphthylene	14.474	152	363462	41.683	ng	100
50) Dimethylphthalate	14.198	163	304665	41.273	ng	99
51) 2,6-Dinitrotoluene	14.316	165	67381	54.065	ng	# 83
52) Acenaphthene	14.821	154	273968m	49.044	ng	
53) 3-Nitroaniline	14.650	138	46047	31.574	ng	91
54) 2,4-Dinitrophenol	14.856	184	83907	123.512	ng	# 92
55) Dibenzofuran	15.150	168	360891	39.561	ng	97
56) 4-Nitrophenol	14.950	139	115832	97.369	ng	# 78
57) 2,4-Dinitrotoluene	15.103	165	96762	55.956	ng	# 82
58) Fluorene	15.796	166	300085	40.355	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.373	232	96382	44.707	ng	97
60) Diethylphthalate	15.561	149	315168	40.448	ng	99
61) 4-Chlorophenyl-phenyle...	15.784	204	162091	39.525	ng	98
62) 4-Nitroaniline	15.808	138	70448	45.717	ng	# 74
63) Azobenzene	16.078	77	330574	39.693	ng	96
65) 4,6-Dinitro-2-methylph...	15.866	198	59572	56.659	ng	97
66) n-Nitrosodiphenylamine	16.001	169	273551	41.200	ng	100
67) 4-Bromophenyl-phenylether	16.683	248	120271	42.299	ng	96
68) Hexachlorobenzene	16.806	284	131811	43.129	ng	90
69) Atrazine	16.941	200	120959	49.407	ng	96
70) Pentachlorophenol	17.147	266	164022	86.508	ng	88
71) Phenanthrene	17.541	178	527540	41.813	ng	98
72) Anthracene	17.629	178	527420	42.287	ng	99
73) Carbazole	17.893	167	497205	40.251	ng	97
74) Di-n-butylphthalate	18.445	149	558413	41.381	ng	97
75) Fluoranthene	19.544	202	692144	43.217	ng	98
77) Benzidine	19.714	184	250438	39.658	ng	99
78) Pyrene	19.908	202	697130	41.047	ng	99
80) Butylbenzylphthalate	20.783	149	250584	41.593	ng	99
81) Benzo(a)anthracene	21.764	228	669636	40.844	ng	98
82) 3,3'-Dichlorobenzidine	21.670	252	161293	27.859	ng	96
83) Chrysene	21.829	228	635804	41.251	ng	98
84) Bis(2-ethylhexyl)phtha...	21.658	149	352636	43.040	ng	100
85) Di-n-octyl phthalate	22.898	149	600517	44.027	ng	96
87) Indeno(1,2,3-cd)pyrene	28.866	276	798364	45.946	ng	98
88) Benzo(b)fluoranthene	24.038	252	724243	45.948	ng	99
89) Benzo(k)fluoranthene	24.108	252	667011	43.011	ng	99
90) Benzo(a)pyrene	24.936	252	686616	51.461	ng	98
91) Dibenzo(a,h)anthracene	28.937	278	665878	46.507	ng	98
92) Benzo(g,h,i)perylene	30.059	276	664641	46.916	ng	97

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

