

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057674.D
 Acq On : 8 Jun 2023 17:17
 Operator : CG/JU
 Sample : PB153189BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153189BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 03:37:53 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 09 00:44:37 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	5394	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	22331	20.000	ng	# 0.00
39) Acenaphthene-d10	14.930	164	15008	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	36178	20.000	ng	# 0.00
76) Chrysene-d12	21.969	240	33015	20.000	ng	0.00
86) Perylene-d12	25.429	264	38640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	33575	129.351	ng	0.00
7) Phenol-d6	7.462	99	44862	105.101	ng	0.00
23) Nitrobenzene-d5	9.495	82	47268	93.836	ng	0.00
42) 2,4,6-Tribromophenol	16.416	330	23102	104.813	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	106325	95.077	ng	0.00
79) Terphenyl-d14	20.241	244	193177	100.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.619	88	4973	30.282	ng	# 81
3) Pyridine	4.043	79	13143	37.235	ng	90
4) n-Nitrosodimethylamine	3.954	42	15793	61.148	ng	# 72
6) Aniline	7.627	93	21960	39.611	ng	95
8) 2-Chlorophenol	7.879	128	18532	57.095	ng	90
9) Benzaldehyde	7.444	77	5535	22.334	ng	91
10) Phenol	7.491	94	23123	56.369	ng	# 70
11) bis(2-Chloroethyl)ether	7.715	93	15079	46.899	ng	99
12) 1,3-Dichlorobenzene	8.202	146	18376	53.308	ng	94
13) 1,4-Dichlorobenzene	8.349	146	19435	53.332	ng	96
14) 1,2-Dichlorobenzene	8.672	146	18524	52.907	ng	98
15) Benzyl Alcohol	8.555	79	20236	58.242	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.831	45	30855m	46.195	ng	
17) 2-Methylphenol	8.761	107	15842	49.582	ng	# 89
18) Hexachloroethane	9.407	117	7236	52.492	ng	94
19) n-Nitroso-di-n-propyla...	9.119	70	13913	46.081	ng	# 74
20) 3+4-Methylphenols	9.090	107	21702	49.521	ng	85
22) Acetophenone	9.148	105	29968	48.074	ng	# 87
24) Nitrobenzene	9.542	77	23468	47.702	ng	# 92
25) Isophorone	10.059	82	41042	46.594	ng	# 93
26) 2-Nitrophenol	10.259	139	10339	51.609	ng	# 82
27) 2,4-Dimethylphenol	10.300	122	18829m	51.417	ng	
28) bis(2-Chloroethoxy)met...	10.529	93	20724	44.715	ng	100
29) 2,4-Dichlorophenol	10.799	162	18642	55.782	ng	88
30) 1,2,4-Trichlorobenzene	11.011	180	19852	49.287	ng	97
31) Naphthalene	11.199	128	56344	46.407	ng	99
32) Benzoic acid	10.476	122	6789m	37.635	ng	
33) 4-Chloroaniline	11.310	127	18568	35.139	ng	95
34) Hexachlorobutadiene	11.469	225	14553	52.508	ng	96
35) Caprolactam	12.080	113	5665m	54.695	ng	
36) 4-Chloro-3-methylphenol	12.415	107	21568	53.983	ng	93
37) 2-Methylnaphthalene	12.779	142	41006	49.411	ng	# 94
38) 1-Methylnaphthalene	12.997	142	37896	48.975	ng	98
40) 1,2,4,5-Tetrachloroben...	13.144	216	24066	49.740	ng	# 97
41) Hexachlorocyclopentadiene	13.114	237	18611	104.422	ng	95
43) 2,4,6-Trichlorophenol	13.379	196	15320	51.727	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.467	196	16579	47.908	ng	# 94
46) 1,1'-Biphenyl	13.766	154	53480	48.162	ng	96
47) 2-Chloronaphthalene	13.819	162	40631	49.250	ng	94
48) 2-Nitroaniline	14.025	65	17527	51.982	ng	92
49) Acenaphthylene	14.659	152	65970	47.411	ng	97
50) Dimethylphthalate	14.372	163	55503	48.305	ng	96
51) 2,6-Dinitrotoluene	14.507	165	11917	48.591	ng	# 73
52) Acenaphthene	14.994	154	38980	47.560	ng	97
53) 3-Nitroaniline	14.842	138	9127	36.420	ng	# 97
54) 2,4-Dinitrophenol	15.059	184	13138	141.112	ng	# 65
55) Dibenzofuran	15.329	168	67341	50.522	ng	97
56) 4-Nitrophenol	15.159	139	15712	110.152	ng	# 66
57) 2,4-Dinitrotoluene	15.300	165	17081	51.174	ng	# 78
58) Fluorene	15.970	166	54667	50.924	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.558	232	14774	52.851	ng	# 93
60) Diethylphthalate	15.717	149	57433	49.851	ng	98
61) 4-Chlorophenyl-phenyle...	15.952	204	30534	50.741	ng	96
62) 4-Nitroaniline	16.005	138	12130	49.054	ng	# 46
63) Azobenzene	16.240	77	55822	49.157	ng	84
65) 4,6-Dinitro-2-methylph...	16.064	198	10405	45.789	ng	83
66) n-Nitrosodiphenylamine	16.169	169	48084	40.043	ng	98
67) 4-Bromophenyl-phenylether	16.839	248	20134	44.387	ng	98
68) Hexachlorobenzene	16.980	284	23054	53.193	ng	97
69) Atrazine	17.098	200	20298	53.613	ng	96
70) Pentachlorophenol	17.327	266	17070	84.813	ng	87
71) Phenanthrene	17.715	178	87604	46.220	ng	97
72) Anthracene	17.809	178	89445	45.568	ng	99
73) Carbazole	18.073	167	81324	44.791	ng	99
74) Di-n-butylphthalate	18.584	149	97901	40.064	ng	# 97
75) Fluoranthene	19.706	202	107835	48.300	ng	97
77) Benzidine	19.871	184	46959	56.134	ng	98
78) Pyrene	20.065	202	107816	45.131	ng	98
80) Butylbenzylphthalate	20.911	149	42206	48.486	ng	97
81) Benzo(a)anthracene	21.945	228	111719	48.030	ng	97
82) 3,3'-Dichlorobenzidine	21.845	252	38602	46.831	ng	# 99
83) Chrysene	22.016	228	101198	46.002	ng	98
84) Bis(2-ethylhexyl)phtha...	21.786	149	62076	47.593	ng	96
85) Di-n-octyl phthalate	23.067	149	105174	46.699	ng	99
87) Indeno(1,2,3-cd)pyrene	29.442	276	132792	51.236	ng	# 90
88) Benzo(b)fluoranthene	24.319	252	117398	51.728	ng	98
89) Benzo(k)fluoranthene	24.395	252	117369	50.898	ng	# 97
90) Benzo(a)pyrene	25.271	252	102625	46.518	ng	# 98
91) Dibenzo(a,h)anthracene	29.489	278	111788	51.603	ng	# 95
92) Benzo(g,h,i)perylene	30.694	276	107646	50.871	ng	98

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

