

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057052.D
 Acq On : 11 Apr 2023 13:34
 Operator : CG/JU
 Sample : PB152035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152035BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 04:39:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14606	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	61577	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	49600	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	127368	20.000	ng	0.00
76) Chrysene-d12	22.083	240	116268	20.000	ng	# 0.00
86) Perylene-d12	25.625	264	124834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	107446	117.734	ng	0.00
7) Phenol-d6	7.544	99	158396	116.046	ng	0.00
23) Nitrobenzene-d5	9.588	82	96885	64.380	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	87575	110.522	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	239897	65.585	ng	0.00
79) Terphenyl-d14	20.332	244	479197	69.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.714	88	13301	33.247	ng	99
3) Pyridine	4.137	79	35146	27.276	ng	95
4) n-Nitrosodimethylamine	4.043	42	21161	35.719	ng	98
6) Aniline	7.714	93	61552	35.275	ng	97
8) 2-Chlorophenol	7.967	128	44930	49.427	ng	92
9) Benzaldehyde	7.526	77	31367	36.639	ng	95
10) Phenol	7.567	94	67271	49.739	ng	99
11) bis(2-Chloroethyl)ether	7.808	93	40054	41.576	ng	99
12) 1,3-Dichlorobenzene	8.296	146	43657	43.465	ng	100
13) 1,4-Dichlorobenzene	8.443	146	44350	43.749	ng	98
14) 1,2-Dichlorobenzene	8.772	146	42812	43.713	ng	95
15) Benzyl Alcohol	8.636	79	51041	45.004	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.924	45	51304m	44.187	ng	
17) 2-Methylphenol	8.842	107	43776	45.368	ng	92
18) Hexachloroethane	9.512	117	16045	43.304	ng	94
19) n-Nitroso-di-n-propyla...	9.212	70	39954	40.924	ng	# 96
20) 3+4-Methylphenols	9.171	107	61858	45.846	ng	96
22) Acetophenone	9.236	105	75052	40.961	ng	98
24) Nitrobenzene	9.629	77	60485	39.312	ng	96
25) Isophorone	10.152	82	107724	37.591	ng	98
26) 2-Nitrophenol	10.346	139	26253	44.206	ng	90
27) 2,4-Dimethylphenol	10.387	122	46222	44.082	ng	96
28) bis(2-Chloroethoxy)met...	10.628	93	58570	40.824	ng	99
29) 2,4-Dichlorophenol	10.886	162	49627	44.009	ng	92
30) 1,2,4-Trichlorobenzene	11.110	180	50908	42.488	ng	94
31) Naphthalene	11.303	128	138866	41.374	ng	97
32) Benzoic acid	10.528	122	30632m	42.529	ng	
33) 4-Chloroaniline	11.403	127	43163	28.474	ng	92
34) Hexachlorobutadiene	11.574	225	35681	39.644	ng	94
35) Caprolactam	12.167	113	16838m	43.297	ng	
36) 4-Chloro-3-methylphenol	12.490	107	54524	43.235	ng	88
37) 2-Methylnaphthalene	12.878	142	104736	39.318	ng	95
38) 1-Methylnaphthalene	13.095	142	99132	39.632	ng	96
40) 1,2,4,5-Tetrachloroben...	13.236	216	70499	40.988	ng	99
41) Hexachlorocyclopentadiene	13.213	237	99043	104.512	ng	96
43) 2,4,6-Trichlorophenol	13.465	196	48194	43.909	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	53075	40.819	ng	94
46) 1,1'-Biphenyl	13.859	154	155789	42.907	ng	97
47) 2-Chloronaphthalene	13.912	162	116424	43.355	ng	97
48) 2-Nitroaniline	14.106	65	40837	42.529	ng	99
49) Acenaphthylene	14.752	152	184062	41.717	ng	99
50) Dimethylphthalate	14.458	163	162962	41.698	ng	98
51) 2,6-Dinitrotoluene	14.587	165	37206	44.063	ng	93
52) Acenaphthene	15.087	154	146088m	48.009	ng	
53) 3-Nitroaniline	14.922	138	26119	31.251	ng	86
54) 2,4-Dinitrophenol	15.122	184	46893	98.665	ng	92
55) Dibenzofuran	15.421	168	191365	41.901	ng	99
56) 4-Nitrophenol	15.216	139	58917	95.329	ng	89
57) 2,4-Dinitrotoluene	15.374	165	52469	44.057	ng	96
58) Fluorene	16.068	166	159905	42.312	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.639	232	50016	42.247	ng	# 99
60) Diethylphthalate	15.809	149	167508	42.755	ng	98
61) 4-Chlorophenyl-phenyle...	16.044	204	94259	42.480	ng	96
62) 4-Nitroaniline	16.079	138	36637	42.309	ng	93
63) Azobenzene	16.338	77	161195	41.284	ng	98
65) 4,6-Dinitro-2-methylph...	16.132	198	36434	47.231	ng	98
66) n-Nitrosodiphenylamine	16.256	169	143144	41.866	ng	96
67) 4-Bromophenyl-phenylether	16.937	248	61826	39.231	ng	98
68) Hexachlorobenzene	17.066	284	69521	44.620	ng	97
69) Atrazine	17.190	200	61785	43.533	ng	93
70) Pentachlorophenol	17.407	266	82225	73.561	ng	98
71) Phenanthrene	17.806	178	267985	41.268	ng	99
72) Anthracene	17.900	178	273851	41.137	ng	99
73) Carbazole	18.159	167	241918	41.681	ng	96
74) Di-n-butylphthalate	18.682	149	286802	42.673	ng	99
75) Fluoranthene	19.792	202	330115	40.102	ng	99
77) Benzidine	19.956	184	157532	49.570	ng	99
78) Pyrene	20.156	202	334260	41.566	ng	97
80) Butylbenzylphthalate	21.014	149	121131	43.772	ng	92
81) Benzo(a)anthracene	22.065	228	333530	41.454	ng	99
82) 3,3'-Dichlorobenzidine	21.960	252	89257	32.853	ng	98
83) Chrysene	22.136	228	311147	41.303	ng	99
84) Bis(2-ethylhexyl)phtha...	21.913	149	173870	43.390	ng	98
85) Di-n-octyl phthalate	23.228	149	291758	43.206	ng	100
87) Indeno(1,2,3-cd)pyrene	29.720	276	390388	42.315	ng	# 97
88) Benzo(b)fluoranthene	24.491	252	342185	43.835	ng	99
89) Benzo(k)fluoranthene	24.568	252	336366	43.161	ng	100
90) Benzo(a)pyrene	25.461	252	299827	39.086	ng	97
91) Dibenzo(a,h)anthracene	29.790	278	330069	43.525	ng	98
92) Benzo(g,h,i)perylene	31.012	276	311184	41.906	ng	100

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

