

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053029.D
 Acq On : 5 Apr 2022 13:18
 Operator : CG/JU
 Sample : PB143836BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143836BSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 14:27:33 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	8.135	152	33231	20.000	ng	0.00
21) Naphthalene-d8	10.943	136	132249	20.000	ng	0.00
39) Acenaphthene-d10	14.756	164	98954	20.000	ng	0.00
64) Phenanthrene-d10	17.493	188	238128	20.000	ng	0.00
76) Chrysene-d12	21.781	240	244875	20.000	ng	0.00
86) Perylene-d12	25.083	264	253365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	245147	128.472	ng	0.00
7) Phenol-d6	7.283	99	352473	122.524	ng	0.00
23) Nitrobenzene-d5	9.292	82	246875	93.692	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	176159	132.483	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	538490	80.259	ng	0.00
79) Terphenyl-d14	20.095	244	1060491	77.037	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	32563	34.114	ng	# 89
3) Pyridine	3.982	79	69089	28.236	ng	# 90
4) n-Nitrosodimethylamine	3.894	42	49866	45.940	ng	90
6) Aniline	7.454	93	113858	33.754	ng	97
8) 2-Chlorophenol	7.694	128	92956	46.362	ng	94
9) Benzaldehyde	7.266	77	59685	37.004	ng	95
10) Phenol	7.313	94	130225	45.858	ng	86
11) bis(2-Chloroethyl)ether	7.542	93	88508	41.272	ng	88
12) 1,3-Dichlorobenzene	8.023	146	98314	40.725	ng	95
13) 1,4-Dichlorobenzene	8.170	146	100358	41.376	ng	97
14) 1,2-Dichlorobenzene	8.488	146	96165	41.921	ng	98
15) Benzyl Alcohol	8.364	79	109680	45.280	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.652	45	145816	39.045	ng	96
17) 2-Methylphenol	8.564	107	87292	46.111	ng	96
18) Hexachloroethane	9.228	117	37962	42.658	ng	98
19) n-Nitroso-di-n-propyla...	8.934	70	86589	42.498	ng	# 94
20) 3+4-Methylphenols	8.893	107	118945	44.896	ng	93
22) Acetophenone	8.952	105	148137	43.285	ng	93
24) Nitrobenzene	9.333	77	131224	49.773	ng	90
25) Isophorone	9.856	82	228628	44.811	ng	98
26) 2-Nitrophenol	10.050	139	52075	56.878	ng	89
27) 2,4-Dimethylphenol	10.103	122	89811	47.949	ng	96
28) bis(2-Chloroethoxy)met...	10.338	93	123413	40.908	ng	98
29) 2,4-Dichlorophenol	10.585	162	102351	48.562	ng	96
30) 1,2,4-Trichlorobenzene	10.808	180	106191	42.710	ng	96
31) Naphthalene	10.996	128	285112	41.690	ng	98
32) Benzoic acid	10.232	122	54182	40.023	ng	# 86
33) 4-Chloroaniline	11.096	127	70585	24.352	ng	# 93
34) Hexachlorobutadiene	11.284	225	78575	44.078	ng	98
35) Caprolactam	11.859	113	33532m	58.265	ng	
36) 4-Chloro-3-methylphenol	12.206	107	117521	48.017	ng	92
37) 2-Methylnaphthalene	12.588	142	214069	42.743	ng	97
38) 1-Methylnaphthalene	12.811	142	197670m	40.440	ng	
40) 1,2,4,5-Tetrachloroben...	12.958	216	138510	44.803	ng	98
41) Hexachlorocyclopentadiene	12.940	237	183637	100.211	ng	93
43) 2,4,6-Trichlorophenol	13.187	196	93406	47.179	ng	99

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44) 2,4,5-Trichlorophenol	13.263	196	102096	50.807	ng	97
46) 1,1'-Biphenyl	13.587	154	294308	42.529	ng	98
47) 2-Chloronaphthalene	13.634	162	225685	41.412	ng	97
48) 2-Nitroaniline	13.827	65	89602	60.118	ng	93
49) Acenaphthylene	14.479	152	365512	42.073	ng	98
50) Dimethylphthalate	14.197	163	309528	42.088	ng	99
51) 2,6-Dinitrotoluene	14.315	165	68486	55.156	ng	# 84
52) Acenaphthene	14.820	154	278882m	50.109	ng	
53) 3-Nitroaniline	14.644	138	48291	33.236	ng	88
54) 2,4-Dinitrophenol	14.850	184	82526	121.929	ng	# 83
55) Dibenzofuran	15.149	168	364773	40.135	ng	98
56) 4-Nitrophenol	14.949	139	116044	97.909	ng	# 80
57) 2,4-Dinitrotoluene	15.102	165	96725	56.143	ng	# 83
58) Fluorene	15.795	166	302026	40.766	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.372	232	97072	45.194	ng	# 97
60) Diethylphthalate	15.560	149	319720	41.185	ng	99
61) 4-Chlorophenyl-phenyle...	15.784	204	166494	40.749	ng	96
62) 4-Nitroaniline	15.807	138	71411	46.513	ng	# 82
63) Azobenzene	16.077	77	332339	40.053	ng	95
65) 4,6-Dinitro-2-methylph...	15.866	198	61396	57.833	ng	95
66) n-Nitrosodiphenylamine	15.995	169	271546	40.505	ng	97
67) 4-Bromophenyl-phenylether	16.676	248	118668	41.334	ng	95
68) Hexachlorobenzene	16.806	284	133235	43.176	ng	95
69) Atrazine	16.941	200	118304	47.858	ng	96
70) Pentachlorophenol	17.146	266	161899	84.567	ng	92
71) Phenanthrene	17.540	178	522252	40.996	ng	98
72) Anthracene	17.628	178	529540	42.049	ng	100
73) Carbazole	17.892	167	486868	39.035	ng	99
74) Di-n-butylphthalate	18.445	149	561779	41.230	ng	98
75) Fluoranthene	19.543	202	692083	42.798	ng	100
77) Benzidine	19.714	184	253347	40.113	ng	98
78) Pyrene	19.901	202	690087	40.626	ng	99
80) Butylbenzylphthalate	20.783	149	248546	41.249	ng	97
81) Benzo(a)anthracene	21.758	228	670531	40.893	ng	99
82) 3,3'-Dichlorobenzidine	21.670	252	166510	28.756	ng	97
83) Chrysene	21.828	228	641707	41.628	ng	99
84) Bis(2-ethylhexyl)phtha...	21.658	149	353088	43.089	ng	99
85) Di-n-octyl phthalate	22.892	149	604673	44.326	ng	96
87) Indeno(1,2,3-cd)pyrene	28.872	276	808005	46.592	ng	# 97
88) Benzo(b)fluoranthene	24.037	252	720587m	45.805	ng	
89) Benzo(k)fluoranthene	24.108	252	679136	43.878	ng	98
90) Benzo(a)pyrene	24.930	252	685975	51.514	ng	100
91) Dibenzo(a,h)anthracene	28.936	278	670651	46.932	ng	99
92) Benzo(g,h,i)perylene	30.058	276	678928	48.018	ng	100

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

