

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056969.D
 Acq On : 4 Apr 2023 17:28
 Operator : CG/JU
 Sample : PB151693BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151693BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:08:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	16632	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	62561	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	47287	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	120521	20.000	ng	0.00
76) Chrysene-d12	22.089	240	106095	20.000	ng	0.00
86) Perylene-d12	25.626	264	112045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.929	112	150902	145.208	ng	0.00
7) Phenol-d6	7.550	99	209429	134.745	ng	0.00
23) Nitrobenzene-d5	9.594	82	135659	88.727	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	107132	141.817	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	304980	87.457	ng	0.00
79) Terphenyl-d14	20.333	244	630875	100.621	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.732	88	17916	39.328	ng	# 92
3) Pyridine	4.155	79	50918	34.702	ng	96
4) n-Nitrosodimethylamine	4.061	42	31171	46.206	ng	90
6) Aniline	7.726	93	66984	33.712	ng	98
8) 2-Chlorophenol	7.973	128	49275	47.604	ng	85
9) Benzaldehyde	7.538	77	37592	38.561	ng	93
10) Phenol	7.574	94	70498	45.776	ng	93
11) bis(2-Chloroethyl)ether	7.809	93	47047	42.886	ng	98
12) 1,3-Dichlorobenzene	8.308	146	54992	48.081	ng	93
13) 1,4-Dichlorobenzene	8.455	146	55155	47.780	ng	94
14) 1,2-Dichlorobenzene	8.778	146	51891	46.529	ng	94
15) Benzyl Alcohol	8.643	79	56612	43.835	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.937	45	58336m	44.123	ng	
17) 2-Methylphenol	8.843	107	45558	41.463	ng	94
18) Hexachloroethane	9.518	117	19503	46.225	ng	88
19) n-Nitroso-di-n-propyla...	9.219	70	43485	39.115	ng	# 94
20) 3+4-Methylphenols	9.172	107	62679	40.796	ng	97
22) Acetophenone	9.242	105	82224	44.169	ng	# 93
24) Nitrobenzene	9.636	77	68407	43.761	ng	98
25) Isophorone	10.158	82	118524	40.709	ng	99
26) 2-Nitrophenol	10.352	139	27468	45.524	ng	98
27) 2,4-Dimethylphenol	10.393	122	48460	45.489	ng	91
28) bis(2-Chloroethoxy)met...	10.628	93	60331	41.390	ng	99
29) 2,4-Dichlorophenol	10.893	162	52173	45.539	ng	98
30) 1,2,4-Trichlorobenzene	11.110	180	55801	45.839	ng	97
31) Naphthalene	11.310	128	148962	43.684	ng	97
32) Benzoic acid	10.523	122	34835	47.603	ng	98
33) 4-Chloroaniline	11.404	127	38650	25.096	ng	98
34) Hexachlorobutadiene	11.580	225	39901	43.635	ng	97
35) Caprolactam	12.173	113	16719m	42.315	ng	
36) 4-Chloro-3-methylphenol	12.491	107	55638	43.425	ng	95
37) 2-Methylnaphthalene	12.884	142	110511	40.833	ng	99
38) 1-Methylnaphthalene	13.096	142	100330	39.480	ng	98
40) 1,2,4,5-Tetrachloroben...	13.242	216	73937	45.090	ng	# 99
41) Hexachlorocyclopentadiene	13.219	237	111373	123.272	ng	94
43) 2,4,6-Trichlorophenol	13.472	196	47352	45.252	ng	96

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44) 2,4,5-Trichlorophenol	13.542	196	53589	43.230	ng	94
46) 1,1'-Biphenyl	13.865	154	156981	45.350	ng	100
47) 2-Chloronaphthalene	13.918	162	115671	45.181	ng	95
48) 2-Nitroaniline	14.106	65	41213	45.020	ng	97
49) Acenaphthylene	14.758	152	184280	43.810	ng	99
50) Dimethylphthalate	14.464	163	161804	43.427	ng	# 97
51) 2,6-Dinitrotoluene	14.588	165	35895	44.589	ng	97
52) Acenaphthene	15.093	154	148287	51.115	ng	97
53) 3-Nitroaniline	14.923	138	25066	31.458	ng	88
54) 2,4-Dinitrophenol	15.128	184	51341	113.307	ng	96
55) Dibenzofuran	15.422	168	188846	43.372	ng	96
56) 4-Nitrophenol	15.210	139	59386	100.788	ng	93
57) 2,4-Dinitrotoluene	15.375	165	51383	45.256	ng	95
58) Fluorene	16.068	166	159608	44.299	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.639	232	53060	47.011	ng	98
60) Diethylphthalate	15.810	149	163456	43.761	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	92845	43.890	ng	98
62) 4-Nitroaniline	16.080	138	37230	45.097	ng	96
63) Azobenzene	16.338	77	162126	43.554	ng	99
65) 4,6-Dinitro-2-methylph...	16.133	198	36228	49.632	ng	96
66) n-Nitrosodiphenylamine	16.262	169	139579	43.143	ng	97
67) 4-Bromophenyl-phenylether	16.943	248	61521	41.255	ng	97
68) Hexachlorobenzene	17.073	284	67770	45.967	ng	97
69) Atrazine	17.196	200	63413	47.218	ng	95
70) Pentachlorophenol	17.413	266	89995	85.086	ng	99
71) Phenanthrene	17.813	178	270975	44.099	ng	99
72) Anthracene	17.901	178	274283	43.543	ng	99
73) Carbazole	18.165	167	246862	44.949	ng	97
74) Di-n-butylphthalate	18.688	149	285721	44.927	ng	99
75) Fluoranthene	19.798	202	336339	43.179	ng	99
77) Benzidine	19.963	184	181820	62.698	ng	99
78) Pyrene	20.157	202	337762	46.029	ng	97
80) Butylbenzylphthalate	21.014	149	115439	45.716	ng	93
81) Benzo(a)anthracene	22.066	228	323102	44.009	ng	99
82) 3,3'-Dichlorobenzidine	21.960	252	78615	31.710	ng	95
83) Chrysene	22.142	228	298287	43.392	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	161432	44.149	ng	98
85) Di-n-octyl phthalate	23.241	149	267739	43.451	ng	98
87) Indeno(1,2,3-cd)pyrene	29.720	276	359509	43.416	ng	99
88) Benzo(b)fluoranthene	24.498	252	334542	47.747	ng	98
89) Benzo(k)fluoranthene	24.574	252	323163	46.200	ng	97
90) Benzo(a)pyrene	25.461	252	286864	41.665	ng	97
91) Dibenzo(a,h)anthracene	29.791	278	298939	43.919	ng	# 97
92) Benzo(g,h,i)perylene	31.007	276	291900	43.796	ng	97

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

