

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053581.D
 Acq On : 17 May 2022 13:03
 Operator : CG/JU
 Sample : PB144822BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144822BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2022
 Supervised By : Jagrut Upadhyay 05/18/2022

Quant Time: May 17 15:27:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	19998	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	91594	20.000	ng	# 0.00
39) Acenaphthene-d10	14.713	164	78397	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	201583	20.000	ng	0.00
76) Chrysene-d12	21.739	240	187759	20.000	ng	0.00
86) Perylene-d12	25.017	264	196776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	158643	134.633	ng	0.00
7) Phenol-d6	7.246	99	242128	135.395	ng	0.00
23) Nitrobenzene-d5	9.244	82	169182	78.628	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	145425	125.771	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	406970	75.857	ng	0.00
79) Terphenyl-d14	20.059	244	879246	87.217	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.522	88	16795	27.165	ng	# 88
3) Pyridine	3.922	79	41453m	27.455	ng	
4) n-Nitrosodimethylamine	3.833	42	29192	39.690	ng	# 95
6) Aniline	7.399	93	83550	42.182	ng	96
8) 2-Chlorophenol	7.652	128	58979	47.879	ng	95
9) Benzaldehyde	7.211	77	40467m	35.619	ng	
10) Phenol	7.276	94	84070	48.067	ng	98
11) bis(2-Chloroethyl)ether	7.493	93	55143	42.274	ng	98
12) 1,3-Dichlorobenzene	7.975	146	58653	40.361	ng	92
13) 1,4-Dichlorobenzene	8.116	146	59759	40.751	ng	98
14) 1,2-Dichlorobenzene	8.439	146	59380	43.121	ng	96
15) Benzyl Alcohol	8.316	79	71552	47.858	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.603	45	92298	43.475	ng	98
17) 2-Methylphenol	8.527	107	57046	48.256	ng	98
18) Hexachloroethane	9.167	117	23346	41.923	ng	90
19) n-Nitroso-di-n-propyla...	8.880	70	56317	43.891	ng	97
20) 3+4-Methylphenols	8.856	107	78978	47.304	ng	95
22) Acetophenone	8.903	105	97707	38.977	ng	99
24) Nitrobenzene	9.285	77	85301	40.960	ng	94
25) Isophorone	9.808	82	161605	44.627	ng	99
26) 2-Nitrophenol	10.002	139	35858	42.512	ng	97
27) 2,4-Dimethylphenol	10.060	122	62616	49.328	ng	96
28) bis(2-Chloroethoxy)met...	10.289	93	81905	39.327	ng	99
29) 2,4-Dichlorophenol	10.548	162	69268	45.214	ng	96
30) 1,2,4-Trichlorobenzene	10.753	180	70913	40.739	ng	98
31) Naphthalene	10.941	128	186798	40.093	ng	98
32) Benzoic acid	10.231	122	29759m	39.360	ng	
33) 4-Chloroaniline	11.047	127	61651	31.596	ng	98
34) Hexachlorobutadiene	11.229	225	49648	38.465	ng	94
35) Caprolactam	11.823	113	25845m	46.423	ng	
36) 4-Chloro-3-methylphenol	12.175	107	82103	44.802	ng	97
37) 2-Methylnaphthalene	12.539	142	144151	41.458	ng	98
38) 1-Methylnaphthalene	12.763	142	138373	40.789	ng	97
40) 1,2,4,5-Tetrachloroben...	12.909	216	96416	39.016	ng	98
41) Hexachlorocyclopentadiene	12.892	237	79772	79.334	ng	98
43) 2,4,6-Trichlorophenol	13.150	196	64385	39.915	ng	94

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44) 2,4,5-Trichlorophenol	13.232	196	70523	41.079	ng	99
46) 1,1'-Biphenyl	13.544	154	206968	38.730	ng	99
47) 2-Chloronaphthalene	13.591	162	161097	38.478	ng	99
48) 2-Nitroaniline	13.791	65	68567	43.951	ng	98
49) Acenaphthylene	14.431	152	280674	42.011	ng	99
50) Dimethylphthalate	14.155	163	240647	40.394	ng	98
51) 2,6-Dinitrotoluene	14.278	165	51298	42.265	ng	88
52) Acenaphthene	14.772	154	156609	39.334	ng	98
53) 3-Nitroaniline	14.613	138	44402	33.858	ng	98
54) 2,4-Dinitrophenol	14.830	184	60554	78.707	ng	96
55) Dibenzofuran	15.106	168	276908	38.720	ng	97
56) 4-Nitrophenol	14.930	139	82138	87.691	ng	91
57) 2,4-Dinitrotoluene	15.071	165	78648	44.704	ng	87
58) Fluorene	15.758	166	229556	39.999	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.341	232	73473	42.181	ng	100
60) Diethylphthalate	15.518	149	255718	41.554	ng	99
61) 4-Chlorophenyl-phenyle...	15.741	204	130607	40.783	ng	100
62) 4-Nitroaniline	15.776	138	55359	40.699	ng	97
63) Azobenzene	16.035	77	254146	40.331	ng	99
65) 4,6-Dinitro-2-methylph...	15.841	198	45405	37.800	ng	95
66) n-Nitrosodiphenylamine	15.958	169	214310	40.492	ng	99
67) 4-Bromophenyl-phenylether	16.640	248	95161	40.421	ng	97
68) Hexachlorobenzene	16.769	284	103041	39.964	ng	97
69) Atrazine	16.904	200	94113	42.239	ng	98
70) Pentachlorophenol	17.115	266	105873	76.467	ng	97
71) Phenanthrene	17.497	178	415737	40.559	ng	97
72) Anthracene	17.591	178	419014	41.590	ng	99
73) Carbazole	17.856	167	384385	38.929	ng	99
74) Di-n-butylphthalate	18.402	149	450624	40.578	ng	99
75) Fluoranthene	19.506	202	532755	40.141	ng	99
77) Benzidine	19.677	184	161429	39.890	ng	98
78) Pyrene	19.871	202	526197	43.292	ng	98
80) Butylbenzylphthalate	20.740	149	188155	42.215	ng	99
81) Benzo(a)anthracene	21.715	228	501692	41.893	ng	100
82) 3,3'-Dichlorobenzidine	21.627	252	141941	46.739	ng	99
83) Chrysene	21.786	228	458231	40.969	ng	99
84) Bis(2-ethylhexyl)phtha...	21.603	149	267289	43.449	ng	97
85) Di-n-octyl phthalate	22.831	149	451912	43.443	ng	99
87) Indeno(1,2,3-cd)pyrene	28.782	276	548435	40.017	ng	100
88) Benzo(b)fluoranthene	23.977	252	520302	44.671	ng	98
89) Benzo(k)fluoranthene	24.041	252	478004	41.763	ng	99
90) Benzo(a)pyrene	24.864	252	498169	50.250	ng	99
91) Dibenzo(a,h)anthracene	28.835	278	482970	42.768	ng	98
92) Benzo(g,h,i)perylene	29.957	276	475607	42.488	ng	95

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

