

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056695.D
 Acq On : 22 Feb 2023 13:03
 Operator : CG/JU
 Sample : PB150950BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150950BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 22 14:43:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 22 14:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.427	152	17975	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	81965	20.000	ng	0.00
39) Acenaphthene-d10	15.037	164	68062	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	173590	20.000	ng	0.00
76) Chrysene-d12	22.087	240	140397	20.000	ng	0.00
86) Perylene-d12	25.618	264	141333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.935	112	178298	161.393	ng	0.00
7) Phenol-d6	7.557	99	263271	161.330	ng	0.00
23) Nitrobenzene-d5	9.608	82	169538	105.906	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	144870	155.465	ng	0.00
45) 2-Fluorobiphenyl	13.662	172	417346	82.109	ng	0.00
79) Terphenyl-d14	20.336	244	844837	98.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.738	88	12402	25.606	ng	97
3) Pyridine	4.161	79	41569	27.134	ng	95
4) n-Nitrosodimethylamine	4.067	42	28386	39.751	ng	87
6) Aniline	7.739	93	84116	37.089	ng	97
8) 2-Chlorophenol	7.986	128	60852	55.672	ng	94
9) Benzaldehyde	7.551	77	19575	22.682	ng	86
10) Phenol	7.581	94	91863	55.031	ng	98
11) bis(2-Chloroethyl)ether	7.827	93	57837	46.178	ng	98
12) 1,3-Dichlorobenzene	8.315	146	59909	46.002	ng	94
13) 1,4-Dichlorobenzene	8.462	146	60959	46.479	ng	96
14) 1,2-Dichlorobenzene	8.791	146	59969	47.570	ng	98
15) Benzyl Alcohol	8.656	79	74672	51.103	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.950	45	77596	46.146	ng	98
17) 2-Methylphenol	8.856	107	61355	52.302	ng	98
18) Hexachloroethane	9.531	117	21001	50.549	ng	97
19) n-Nitroso-di-n-propyla...	9.232	70	59498	48.702	ng	98
20) 3+4-Methylphenols	9.185	107	81993	50.880	ng	91
22) Acetophenone	9.255	105	106467	42.511	ng	# 99
24) Nitrobenzene	9.649	77	88078	47.280	ng	99
25) Isophorone	10.172	82	163917	42.073	ng	98
26) 2-Nitrophenol	10.366	139	36363	55.166	ng	# 83
27) 2,4-Dimethylphenol	10.401	122	68324	45.360	ng	97
28) bis(2-Chloroethoxy)met...	10.642	93	86052	43.340	ng	98
29) 2,4-Dichlorophenol	10.900	162	73459	49.206	ng	99
30) 1,2,4-Trichlorobenzene	11.123	180	73950	41.583	ng	96
31) Naphthalene	11.317	128	193211	42.532	ng	98
32) Benzoic acid	10.536	122	50335	51.848	ng	88
33) 4-Chloroaniline	11.411	127	58260	28.071	ng	96
34) Hexachlorobutadiene	11.593	225	51114	40.220	ng	95
35) Caprolactam	12.181	113	25738m	53.603	ng	
36) 4-Chloro-3-methylphenol	12.498	107	86041	52.263	ng	96
37) 2-Methylnaphthalene	12.892	142	150858	42.059	ng	97
38) 1-Methylnaphthalene	13.109	142	138720	41.447	ng	98
40) 1,2,4,5-Tetrachloroben...	13.250	216	101689	40.190	ng	98
41) Hexachlorocyclopentadiene	13.227	237	133104	96.992	ng	98
43) 2,4,6-Trichlorophenol	13.474	196	74258	48.373	ng	97

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44) 2,4,5-Trichlorophenol	13.550	196	82113	44.630	ng	97
46) 1,1'-Biphenyl	13.873	154	217746	42.233	ng	98
47) 2-Chloronaphthalene	13.926	162	175233	42.949	ng	99
48) 2-Nitroaniline	14.114	65	65537	54.361	ng	91
49) Acenaphthylene	14.760	152	275598	41.572	ng	98
50) Dimethylphthalate	14.472	163	248953	44.247	ng	99
51) 2,6-Dinitrotoluene	14.596	165	52470	47.899	ng	91
52) Acenaphthene	15.101	154	209544	51.243	ng	99
53) 3-Nitroaniline	14.925	138	38826	35.550	ng	# 99
54) 2,4-Dinitrophenol	15.131	184	76105	117.082	ng	# 49
55) Dibenzofuran	15.430	168	293564	42.493	ng	100
56) 4-Nitrophenol	15.213	139	90493	108.144	ng	84
57) 2,4-Dinitrotoluene	15.377	165	74960	54.628	ng	# 87
58) Fluorene	16.071	166	237603	43.499	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.648	232	81735	50.688	ng	# 92
60) Diethylphthalate	15.818	149	252932	44.565	ng	99
61) 4-Chlorophenyl-phenyle...	16.053	204	138926	41.632	ng	98
62) 4-Nitroaniline	16.082	138	54631	47.996	ng	91
63) Azobenzene	16.347	77	245549	43.229	ng	99
65) 4,6-Dinitro-2-methylph...	16.135	198	50193	55.992	ng	83
66) n-Nitrosodiphenylamine	16.264	169	220840	43.731	ng	98
67) 4-Bromophenyl-phenylether	16.946	248	96035	43.090	ng	90
68) Hexachlorobenzene	17.075	284	104607	46.069	ng	97
69) Atrazine	17.199	200	92079	47.484	ng	99
70) Pentachlorophenol	17.410	266	132717	88.257	ng	95
71) Phenanthrene	17.816	178	417035	44.158	ng	99
72) Anthracene	17.904	178	418076	43.263	ng	99
73) Carbazole	18.162	167	364876	43.800	ng	99
74) Di-n-butylphthalate	18.691	149	416988	44.729	ng	99
75) Fluoranthene	19.796	202	498284	39.986	ng	99
77) Benzidine	19.954	184	144039	42.895	ng	99
78) Pyrene	20.154	202	487484	45.976	ng	99
80) Butylbenzylphthalate	21.018	149	158429	49.758	ng	97
81) Benzo(a)anthracene	22.064	228	447543	42.864	ng	98
82) 3,3'-Dichlorobenzidine	21.958	252	126130	37.234	ng	98
83) Chrysene	22.134	228	415753	42.595	ng	99
84) Bis(2-ethylhexyl)phtha...	21.928	149	219413	45.987	ng	99
85) Di-n-octyl phthalate	23.245	149	370873	46.768	ng	96
87) Indeno(1,2,3-cd)pyrene	29.725	276	523429	47.289	ng	100
88) Benzo(b)fluoranthene	24.490	252	446490	48.356	ng	99
89) Benzo(k)fluoranthene	24.567	252	440932	48.561	ng	98
90) Benzo(a)pyrene	25.460	252	391222	44.079	ng	99
91) Dibenzo(a,h)anthracene	29.790	278	446600	48.716	ng	99
92) Benzo(g,h,i)perylene	31.000	276	427319	47.704	ng	97

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

