

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053714.D
 Acq On : 26 May 2022 13:02
 Operator : CG/JU
 Sample : PB145033BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145033BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/27/2022
 Supervised By : Jagrut Upadhyay 05/27/2022

Quant Time: May 26 15:58:38 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 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	21210	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	87663	20.000	ng	0.00
39) Acenaphthene-d10	14.626	164	67957	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	163484	20.000	ng	0.00
76) Chrysene-d12	21.634	240	163500	20.000	ng	0.00
86) Perylene-d12	24.835	264	164687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.550	112	165432	132.372	ng	0.00
7) Phenol-d6	7.165	99	238213	125.594	ng	0.00
23) Nitrobenzene-d5	9.151	82	165086	80.164	ng	0.00
42) 2,4,6-Tribromophenol	16.118	330	122953	122.672	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	373679	80.352	ng	0.00
79) Terphenyl-d14	19.977	244	749479	85.375	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.388	88	16351	24.936	ng	Qvalue
3) Pyridine	3.799	79	44764	27.953	ng	# 90
4) n-Nitrosodimethylamine	3.711	42	31260	40.073	ng	# 90
6) Aniline	7.306	93	86360	41.110	ng	97
8) 2-Chlorophenol	7.553	128	61150	46.804	ng	100
9) Benzaldehyde	7.118	77	40317	33.460	ng	99
10) Phenol	7.189	94	84168	45.373	ng	95
11) bis(2-Chloroethyl)ether	7.394	93	56054	40.516	ng	93
12) 1,3-Dichlorobenzene	7.870	146	64562	41.888	ng	91
13) 1,4-Dichlorobenzene	8.017	146	65978	42.421	ng	99
14) 1,2-Dichlorobenzene	8.340	146	63466	43.454	ng	97
15) Benzyl Alcohol	8.228	79	69414	43.775	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	88216	39.177	ng	97
17) 2-Methylphenol	8.440	107	56230	44.848	ng	95
18) Hexachloroethane	9.068	117	23817	40.324	ng	87
19) n-Nitroso-di-n-propyla...	8.792	70	55678	40.914	ng	98
20) 3+4-Methylphenols	8.769	107	73047	41.252	ng	96
22) Acetophenone	8.810	105	97323	40.564	ng	99
24) Nitrobenzene	9.192	77	84904	42.597	ng	97
25) Isophorone	9.715	82	149451	43.122	ng	98
26) 2-Nitrophenol	9.903	139	35562	44.052	ng	94
27) 2,4-Dimethylphenol	9.973	122	58825	48.420	ng	99
28) bis(2-Chloroethoxy)met...	10.190	93	77316	38.788	ng	98
29) 2,4-Dichlorophenol	10.455	162	66309	45.223	ng	91
30) 1,2,4-Trichlorobenzene	10.660	180	71073	42.662	ng	95
31) Naphthalene	10.843	128	185777	41.662	ng	99
32) Benzoic acid	10.161	122	22775	33.174	ng	92
33) 4-Chloroaniline	10.954	127	60230	32.252	ng	96
34) Hexachlorobutadiene	11.124	225	52457	42.464	ng	97
35) Caprolactam	11.730	113	20708m	38.863	ng	
36) 4-Chloro-3-methylphenol	12.094	107	73582	41.953	ng	99
37) 2-Methylnaphthalene	12.452	142	136617	41.053	ng	98
38) 1-Methylnaphthalene	12.669	142	129924m	40.016	ng	
40) 1,2,4,5-Tetrachloroben...	12.822	216	90703	42.343	ng	99
41) Hexachlorocyclopentadiene	12.799	237	68348	78.518	ng	95
43) 2,4,6-Trichlorophenol	13.069	196	58212	41.632	ng	99

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44) 2,4,5-Trichlorophenol	13.151	196	58771	39.493	ng	97
46) 1,1'-Biphenyl	13.457	154	187984	40.582	ng	99
47) 2-Chloronaphthalene	13.498	162	147168	40.551	ng	100
48) 2-Nitroaniline	13.703	65	55235	40.845	ng	95
49) Acenaphthylene	14.344	152	244157	42.159	ng	99
50) Dimethylphthalate	14.073	163	204310	39.564	ng	100
51) 2,6-Dinitrotoluene	14.197	165	44427	42.227	ng	99
52) Acenaphthene	14.684	154	135418	39.237	ng	99
53) 3-Nitroaniline	14.532	138	37791	33.244	ng	96
54) 2,4-Dinitrophenol	14.749	184	45629	69.235	ng	96
55) Dibenzofuran	15.019	168	238584	38.486	ng	98
56) 4-Nitrophenol	14.867	139	61274	75.466	ng	91
57) 2,4-Dinitrotoluene	14.990	165	63900	41.901	ng	90
58) Fluorene	15.671	166	200180	40.239	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.260	232	56490	37.413	ng	96
60) Diethylphthalate	15.436	149	209832	39.336	ng	98
61) 4-Chlorophenyl-phenyle...	15.660	204	111316	40.100	ng	96
62) 4-Nitroaniline	15.701	138	45584	38.661	ng	97
63) Azobenzene	15.953	77	210639	38.562	ng	98
65) 4,6-Dinitro-2-methylph...	15.765	198	38387	39.405	ng	95
66) n-Nitrosodiphenylamine	15.871	169	178184	41.512	ng	99
67) 4-Bromophenyl-phenylether	16.552	248	79917	41.856	ng	97
68) Hexachlorobenzene	16.682	284	87962	42.066	ng	98
69) Atrazine	16.823	200	78665	43.534	ng	98
70) Pentachlorophenol	17.034	266	68763	62.164	ng	96
71) Phenanthrene	17.410	178	340691	40.984	ng	98
72) Anthracene	17.504	178	346662	42.427	ng	98
73) Carbazole	17.774	167	317668	39.669	ng	99
74) Di-n-butylphthalate	18.321	149	365257	40.556	ng	99
75) Fluoranthene	19.425	202	437193	40.618	ng	99
77) Benzidine	19.595	184	226346	64.229	ng	99
78) Pyrene	19.783	202	437473	41.333	ng	99
80) Butylbenzylphthalate	20.659	149	159168	41.010	ng	97
81) Benzo(a)anthracene	21.616	228	432523	41.476	ng	99
82) 3,3'-Dichlorobenzidine	21.528	252	125850	47.589	ng	96
83) Chrysene	21.681	228	397467	40.809	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	226233	42.232	ng	99
85) Di-n-octyl phthalate	22.703	149	385626	42.571	ng	99
87) Indeno(1,2,3-cd)pyrene	28.501	276	479212	41.779	ng	# 56
88) Benzo(b)fluoranthene	23.819	252	454103	46.584	ng	99
89) Benzo(k)fluoranthene	23.884	252	425901	44.462	ng	99
90) Benzo(a)pyrene	24.689	252	432323	52.106	ng	98
91) Dibenzo(a,h)anthracene	28.554	278	423399	44.798	ng	99
92) Benzo(g,h,i)perylene	29.652	276	412740	44.056	ng	94

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

