

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053086.D
 Acq On : 8 Apr 2022 16:22
 Operator : CG/JU
 Sample : PB143914BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143914BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 17:49:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	27051	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	111437	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	85699	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	208413	20.000	ng	0.00
76) Chrysene-d12	21.775	240	213499	20.000	ng	0.00
86) Perylene-d12	25.070	264	222971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	219712	139.228	ng	0.00
7) Phenol-d6	7.283	99	308115	126.611	ng	0.00
23) Nitrobenzene-d5	9.286	82	222507	81.073	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	168120	123.306	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	496041	79.813	ng	0.00
79) Terphenyl-d14	20.089	244	1044361	82.615	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	25716	34.123	ng	# 94
3) Pyridine	3.964	79	69224	34.827	ng	# 92
4) n-Nitrosodimethylamine	3.876	42	44576	45.288	ng	94
6) Aniline	7.441	93	112655	39.944	ng	97
8) 2-Chlorophenol	7.688	128	84190	49.417	ng	94
9) Benzaldehyde	7.248	77	69702m	47.917	ng	
10) Phenol	7.306	94	116165	47.956	ng	85
11) bis(2-Chloroethyl)ether	7.529	93	81437	46.638	ng	95
12) 1,3-Dichlorobenzene	8.011	146	90405	45.666	ng	95
13) 1,4-Dichlorobenzene	8.158	146	91879	45.524	ng	97
14) 1,2-Dichlorobenzene	8.475	146	88586	45.516	ng	98
15) Benzyl Alcohol	8.352	79	100176	46.312	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	129195	44.317	ng	96
17) 2-Methylphenol	8.563	107	78620	47.962	ng	97
18) Hexachloroethane	9.210	117	35470	46.866	ng	93
19) n-Nitroso-di-n-propyla...	8.922	70	77803	43.670	ng	# 93
20) 3+4-Methylphenols	8.886	107	107203	46.328	ng	94
22) Acetophenone	8.939	105	134017	43.349	ng	94
24) Nitrobenzene	9.327	77	123002	46.076	ng	# 89
25) Isophorone	9.850	82	213027	45.666	ng	99
26) 2-Nitrophenol	10.038	139	50121	44.900	ng	# 91
27) 2,4-Dimethylphenol	10.097	122	85534	53.502	ng	92
28) bis(2-Chloroethoxy)met...	10.326	93	114435	43.665	ng	99
29) 2,4-Dichlorophenol	10.578	162	92173	45.861	ng	97
30) 1,2,4-Trichlorobenzene	10.796	180	97805	42.997	ng	96
31) Naphthalene	10.984	128	261571	43.996	ng	98
32) Benzoic acid	10.238	122	43429	42.213	ng	93
33) 4-Chloroaniline	11.089	127	69685	27.370	ng	96
34) Hexachlorobutadiene	11.272	225	72902	43.145	ng	99
35) Caprolactam	11.847	113	31852m	44.962	ng	
36) 4-Chloro-3-methylphenol	12.206	107	105109	44.922	ng	93
37) 2-Methylnaphthalene	12.581	142	187764	42.680	ng	96
38) 1-Methylnaphthalene	12.799	142	184219m	42.899	ng	
40) 1,2,4,5-Tetrachloroben...	12.952	216	123983	42.596	ng	98
41) Hexachlorocyclopentadiene	12.928	237	163026	108.501	ng	94
43) 2,4,6-Trichlorophenol	13.187	196	86697	43.202	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	93951	43.934	ng	# 95
46) 1,1'-Biphenyl	13.580	154	265777	43.065	ng	99
47) 2-Chloronaphthalene	13.627	162	206409	41.921	ng	96
48) 2-Nitroaniline	13.821	65	82035	43.903	ng	92
49) Acenaphthylene	14.467	152	353062	45.807	ng	98
50) Dimethylphthalate	14.191	163	290594	42.394	ng	99
51) 2,6-Dinitrotoluene	14.309	165	64377	45.019	ng	# 83
52) Acenaphthene	14.808	154	259783m	49.701	ng	
53) 3-Nitroaniline	14.638	138	47497	31.412	ng	98
54) 2,4-Dinitrophenol	14.849	184	81544	89.621	ng	# 85
55) Dibenzofuran	15.143	168	338727	41.386	ng	98
56) 4-Nitrophenol	14.955	139	108075	93.716	ng	# 77
57) 2,4-Dinitrotoluene	15.096	165	94185	46.263	ng	87
58) Fluorene	15.789	166	280644	42.455	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.366	232	91911	44.257	ng	99
60) Diethylphthalate	15.548	149	305886	42.592	ng	98
61) 4-Chlorophenyl-phenyle...	15.777	204	156662	41.807	ng	99
62) 4-Nitroaniline	15.801	138	68202	42.745	ng	# 82
63) Azobenzene	16.071	77	303076	41.856	ng	97
65) 4,6-Dinitro-2-methylph...	15.865	198	56533	38.880	ng	94
66) n-Nitrosodiphenylamine	15.989	169	257726	43.003	ng	99
67) 4-Bromophenyl-phenylether	16.670	248	112907	42.279	ng	94
68) Hexachlorobenzene	16.799	284	123135	42.577	ng	92
69) Atrazine	16.934	200	113441	48.456	ng	98
70) Pentachlorophenol	17.140	266	147039	93.029	ng	90
71) Phenanthrene	17.534	178	490694	43.104	ng	98
72) Anthracene	17.622	178	500262	44.358	ng	98
73) Carbazole	17.886	167	461067	42.057	ng	98
74) Di-n-butylphthalate	18.438	149	538454	43.307	ng	97
75) Fluoranthene	19.537	202	653149	44.760	ng	100
77) Benzidine	19.707	184	397427	65.243	ng	100
78) Pyrene	19.901	202	645366	42.443	ng	99
80) Butylbenzylphthalate	20.776	149	244638	43.155	ng	99
81) Benzo(a)anthracene	21.751	228	639517	43.810	ng	99
82) 3,3'-Dichlorobenzidine	21.663	252	161601	30.102	ng	98
83) Chrysene	21.822	228	580026	42.814	ng	100
84) Bis(2-ethylhexyl)phtha...	21.646	149	340633	44.454	ng	98
85) Di-n-octyl phthalate	22.885	149	574190	44.805	ng	96
87) Indeno(1,2,3-cd)pyrene	28.859	276	707099	42.685	ng	# 96
88) Benzo(b)fluoranthene	24.025	252	647464	46.023	ng	97
89) Benzo(k)fluoranthene	24.095	252	629230	45.509	ng	99
90) Benzo(a)pyrene	24.924	252	626285	52.257	ng	97
91) Dibenzo(a,h)anthracene	28.924	278	610348	44.766	ng	98
92) Benzo(g,h,i)perylene	30.058	276	605768	45.077	ng	99

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

