

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058621.D
 Acq On : 7 Aug 2023 10:49
 Operator : MA/JU
 Sample : PB154429BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154429BS

Quant Time: Aug 07 11:23:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	44588	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	193815	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	138321	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	354115	20.000	ng	0.00
76) Chrysene-d12	21.452	240	319460	20.000	ng	0.00
86) Perylene-d12	24.524	264	406600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	427651	146.597	ng	0.00
7) Phenol-d6	6.992	99	592791	146.036	ng	0.00
23) Nitrobenzene-d5	8.978	82	354924	89.961	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	314608	138.766	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	807305	87.465	ng	0.00
79) Terphenyl-d14	19.830	244	1608932	94.711	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.267	88	49226	34.824	ng	99
3) Pyridine	3.661	79	128734	33.403	ng	97
4) n-Nitrosodimethylamine	3.584	42	71392	43.720	ng	96
6) Aniline	7.139	93	196382	39.294	ng	99
8) 2-Chlorophenol	7.380	128	156409	54.653	ng	99
9) Benzaldehyde	6.951	77	65920	29.891	ng	99
10) Phenol	7.016	94	214783	54.167	ng	98
11) bis(2-Chloroethyl)ether	7.239	93	150657	48.194	ng	98
12) 1,3-Dichlorobenzene	7.703	146	146170	47.832	ng	97
13) 1,4-Dichlorobenzene	7.850	146	148187	48.295	ng	98
14) 1,2-Dichlorobenzene	8.167	146	145854	49.718	ng	98
15) Benzyl Alcohol	8.056	79	147890	57.450	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.343	45	257648	50.739	ng	99
17) 2-Methylphenol	8.261	107	147251	50.789	ng	100
18) Hexachloroethane	8.890	117	54623	48.977	ng	95
19) n-Nitroso-di-n-propyla...	8.620	70	128082	48.850	ng	99
20) 3+4-Methylphenols	8.590	107	205193	52.322	ng	97
22) Acetophenone	8.637	105	243664	46.952	ng	98
24) Nitrobenzene	9.019	77	183304	45.701	ng	99
25) Isophorone	9.542	82	374080	45.890	ng	100
26) 2-Nitrophenol	9.730	139	84720	48.524	ng	97
27) 2,4-Dimethylphenol	9.795	122	143309	49.484	ng	98
28) bis(2-Chloroethoxy)met...	10.024	93	212982	48.010	ng	99
29) 2,4-Dichlorophenol	10.271	162	154098	51.247	ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	163778	47.229	ng	97
31) Naphthalene	10.664	128	468615	45.874	ng	99
32) Benzoic acid	9.959	122	112308	50.532	ng	97
33) 4-Chloroaniline	10.782	127	132158	30.621	ng	97
34) Hexachlorobutadiene	10.946	225	102411	45.858	ng	98
35) Caprolactam	11.563	113	59810m	53.863	ng	
36) 4-Chloro-3-methylphenol	11.916	107	193138	51.923	ng	98
37) 2-Methylnaphthalene	12.280	142	326635	44.701	ng	99
38) 1-Methylnaphthalene	12.503	142	314093	45.220	ng	97
40) 1,2,4,5-Tetrachloroben...	12.650	216	192012	45.216	ng	99
41) Hexachlorocyclopentadiene	12.627	237	196619	98.008	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	144186	49.364	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	157867	45.887	ng	98
46) 1,1'-Biphenyl	13.296	154	437995	46.108	ng	100
47) 2-Chloronaphthalene	13.338	162	350233	47.287	ng	98
48) 2-Nitroaniline	13.549	65	140949	49.858	ng	98
49) Acenaphthylene	14.184	152	591231	47.679	ng	99
50) Dimethylphthalate	13.919	163	501759	48.301	ng	99
51) 2,6-Dinitrotoluene	14.043	165	111709	49.009	ng	99
52) Acenaphthene	14.530	154	333139	46.494	ng	99
53) 3-Nitroaniline	14.378	138	78623	34.476	ng	99
54) 2,4-Dinitrophenol	14.589	184	139444	105.855	ng	97
55) Dibenzofuran	14.865	168	570859	46.366	ng	99
56) 4-Nitrophenol	14.701	139	177882	104.216	ng	98
57) 2,4-Dinitrotoluene	14.836	165	162875	51.542	ng	97
58) Fluorene	15.511	166	464907	47.533	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.094	232	146059	49.753	ng	99
60) Diethylphthalate	15.282	149	520255	49.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.506	204	256238	46.991	ng	98
62) 4-Nitroaniline	15.547	138	116353	53.859	ng	99
63) Azobenzene	15.799	77	495999	47.583	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	103305	52.908	ng	96
66) n-Nitrosodiphenylamine	15.723	169	422066	45.794	ng	99
67) 4-Bromophenyl-phenylether	16.399	248	180169	44.858	ng	97
68) Hexachlorobenzene	16.516	284	203129	47.727	ng	98
69) Atrazine	16.675	200	179882	57.815	ng	99
70) Pentachlorophenol	16.863	266	219943	85.379	ng	98
71) Phenanthrene	17.251	178	785597	46.779	ng	99
72) Anthracene	17.345	178	802522	46.573	ng	99
73) Carbazole	17.615	167	768785	50.593	ng	100
74) Di-n-butylphthalate	18.167	149	951864	50.011	ng	100
75) Fluoranthene	19.266	202	994162	49.282	ng	99
77) Benzidine	19.454	184	440547	90.941	ng	98
78) Pyrene	19.630	202	1013301	46.608	ng	99
80) Butylbenzylphthalate	20.517	149	430062	48.157	ng	98
81) Benzo(a)anthracene	21.434	228	1047887	47.664	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	303922	40.887	ng	100
83) Chrysene	21.499	228	971736	46.100	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	620352	47.536	ng	98
85) Di-n-octyl phthalate	22.486	149	1104638	48.145	ng	100
87) Indeno(1,2,3-cd)pyrene	28.032	276	1317074	48.691	ng	100
88) Benzo(b)fluoranthene	23.549	252	1104460	50.082	ng	97
89) Benzo(k)fluoranthene	23.620	252	1046413	47.233	ng	99
90) Benzo(a)pyrene	24.383	252	983408	45.407	ng	99
91) Dibenzo(a,h)anthracene	28.085	278	1099305	49.150	ng	99
92) Benzo(g,h,i)perylene	29.131	276	1082736	48.276	ng	98

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

