

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057598.D
 Acq On : 27 May 2023 00:38
 Operator : CG/JU
 Sample : PB153080BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153080BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023

Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 27 02:31:30 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 26 23:44:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	16845	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	73654	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	62634	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	175468	20.000	ng	0.00
76) Chrysene-d12	22.019	240	157705	20.000	ng	0.00
86) Perylene-d12	25.520	264	171291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.865	112	156894	161.812	ng	0.00
7) Phenol-d6	7.498	99	239604	157.902	ng	0.00
23) Nitrobenzene-d5	9.530	82	146855	93.205	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	139954	139.565	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	382738	87.818	ng	0.00
79) Terphenyl-d14	20.274	244	865834	95.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.650	88	13750	34.227	ng	94
3) Pyridine	4.079	79	40952	33.344	ng	97
4) n-Nitrosodimethylamine	3.991	42	22549	45.377	ng	87
6) Aniline	7.662	93	71737	39.079	ng	97
8) 2-Chlorophenol	7.909	128	58184	55.895	ng	95
9) Benzaldehyde	7.474	77	36454	36.260	ng	95
10) Phenol	7.521	94	82487	57.434	ng	96
11) bis(2-Chloroethyl)ether	7.744	93	51853	48.352	ng	97
12) 1,3-Dichlorobenzene	8.232	146	55648	50.179	ng	99
13) 1,4-Dichlorobenzene	8.379	146	58434	51.792	ng	98
14) 1,2-Dichlorobenzene	8.708	146	55956	50.847	ng	99
15) Benzyl Alcohol	8.584	79	63043	54.009	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	65809	49.420	ng	95
17) 2-Methylphenol	8.790	107	56078	53.170	ng	97
18) Hexachloroethane	9.442	117	20358	52.697	ng	96
19) n-Nitroso-di-n-propyla...	9.148	70	50956	48.336	ng	99
20) 3+4-Methylphenols	9.119	107	78230	52.838	ng	100
22) Acetophenone	9.178	105	94481	47.972	ng	# 94
24) Nitrobenzene	9.571	77	74325	46.471	ng	98
25) Isophorone	10.088	82	143375	46.296	ng	99
26) 2-Nitrophenol	10.288	139	33821	49.319	ng	98
27) 2,4-Dimethylphenol	10.335	122	63900	53.897	ng	98
28) bis(2-Chloroethoxy)met...	10.564	93	76435	47.597	ng	98
29) 2,4-Dichlorophenol	10.834	162	66718	53.579	ng	98
30) 1,2,4-Trichlorobenzene	11.046	180	65239	48.072	ng	98
31) Naphthalene	11.234	128	183934	47.208	ng	98
32) Benzoic acid	10.494	122	31714	46.175	ng	88
33) 4-Chloroaniline	11.345	127	53606	29.918	ng	96
34) Hexachlorobutadiene	11.504	225	43254	46.080	ng	96
35) Caprolactam	12.121	113	26097m	50.555	ng	
36) 4-Chloro-3-methylphenol	12.444	107	78705	53.397	ng	96
37) 2-Methylnaphthalene	12.820	142	141863	46.391	ng	99
38) 1-Methylnaphthalene	13.031	142	133270	45.669	ng	98
40) 1,2,4,5-Tetrachloroben...	13.178	216	93331	45.398	ng	99
41) Hexachlorocyclopentadiene	13.149	237	60580	100.203	ng	97
43) 2,4,6-Trichlorophenol	13.419	196	62787	48.511	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	71513	46.392	ng	95
46) 1,1'-Biphenyl	13.801	154	207637	46.383	ng	98
47) 2-Chloronaphthalene	13.854	162	155513	46.121	ng	97
48) 2-Nitroaniline	14.059	65	56064	47.468	ng	96
49) Acenaphthylene	14.694	152	259886	45.516	ng	99
50) Dimethylphthalate	14.406	163	232280	44.996	ng	100
51) 2,6-Dinitrotoluene	14.541	165	53591	48.497	ng	97
52) Acenaphthene	15.029	154	158845	45.465	ng	97
53) 3-Nitroaniline	14.876	138	34079	29.567	ng	91
54) 2,4-Dinitrophenol	15.093	184	64525	95.280	ng	96
55) Dibenzofuran	15.363	168	270104	45.245	ng	99
56) 4-Nitrophenol	15.187	139	77270	100.620	ng	96
57) 2,4-Dinitrotoluene	15.328	165	79859	48.266	ng	# 95
58) Fluorene	16.010	166	231582	45.944	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.593	232	69915	48.413	ng	99
60) Diethylphthalate	15.751	149	247828	45.996	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	128437	45.722	ng	98
62) 4-Nitroaniline	16.039	138	54779	44.059	ng	97
63) Azobenzene	16.280	77	223484	46.639	ng	100
65) 4,6-Dinitro-2-methylph...	16.098	198	52066	48.733	ng	95
66) n-Nitrosodiphenylamine	16.204	169	210033	46.053	ng	99
67) 4-Bromophenyl-phenylether	16.879	248	89854	45.651	ng	98
68) Hexachlorobenzene	17.014	284	98507	48.552	ng	97
69) Atrazine	17.138	200	97715	49.904	ng	99
70) Pentachlorophenol	17.361	266	93423	90.368	ng	100
71) Phenanthrene	17.754	178	418339	46.589	ng	98
72) Anthracene	17.843	178	423464	45.971	ng	99
73) Carbazole	18.107	167	380349	46.156	ng	98
74) Di-n-butylphthalate	18.624	149	432301	44.191	ng	99
75) Fluoranthene	19.740	202	515478	44.220	ng	98
77) Benzidine	19.910	184	258439	54.155	ng	99
78) Pyrene	20.104	202	522375	46.520	ng	98
80) Butylbenzylphthalate	20.950	149	189891	46.434	ng	100
81) Benzo(a)anthracene	21.996	228	514634	47.037	ng	97
82) 3,3'-Dichlorobenzidine	21.896	252	131770	32.659	ng	98
83) Chrysene	22.072	228	469792	45.437	ng	99
84) Bis(2-ethylhexyl)phtha...	21.837	149	270560	46.381	ng	98
85) Di-n-octyl phthalate	23.129	149	456669	47.229	ng	99
87) Indeno(1,2,3-cd)pyrene	29.585	276	573236	48.000	ng	99
88) Benzo(b)fluoranthene	24.398	252	530862	50.350	ng	99
89) Benzo(k)fluoranthene	24.475	252	498212	46.821	ng	98
90) Benzo(a)pyrene	25.356	252	458983	44.639	ng	100
91) Dibenzo(a,h)anthracene	29.632	278	482125	48.508	ng	98
92) Benzo(g,h,i)perylene	30.854	276	466248	48.100	ng	100

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

