

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057903.D
 Acq On : 29 Jun 2023 13:57
 Operator : CG/JU
 Sample : PB153840BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153840BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 29 15:11:32 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 01:12:33 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	39393	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	186437	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	140615	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	358055	20.000	ng	0.00
76) Chrysene-d12	21.555	240	295348	20.000	ng	0.00
86) Perylene-d12	24.710	264	352643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	353435	137.272	ng	0.00
7) Phenol-d6	7.090	99	508784	132.148	ng	0.00
23) Nitrobenzene-d5	9.081	82	289424	76.079	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	262839	111.289	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	696913	75.633	ng	0.00
79) Terphenyl-d14	19.916	244	1332206	82.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	43211	36.616	ng	96
3) Pyridine	3.782	79	105474	30.972	ng	99
4) n-Nitrosodimethylamine	3.699	42	58985	42.022	ng	99
6) Aniline	7.242	93	133725	27.803	ng	99
8) 2-Chlorophenol	7.483	128	133953	51.826	ng	98
9) Benzaldehyde	7.054	77	49087m	21.982	ng	
10) Phenol	7.113	94	189489	50.647	ng	98
11) bis(2-Chloroethyl)ether	7.336	93	124009	43.965	ng	97
12) 1,3-Dichlorobenzene	7.806	146	122809	46.194	ng	99
13) 1,4-Dichlorobenzene	7.953	146	124917	46.779	ng	99
14) 1,2-Dichlorobenzene	8.276	146	122795	47.516	ng	98
15) Benzyl Alcohol	8.159	79	131079	46.209	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	208484	44.389	ng	99
17) 2-Methylphenol	8.364	107	131636	47.459	ng	98
18) Hexachloroethane	8.999	117	43999	47.285	ng	94
19) n-Nitroso-di-n-propyla...	8.723	70	108772	42.221	ng	98
20) 3+4-Methylphenols	8.688	107	182797	47.302	ng	99
22) Acetophenone	8.741	105	212972	41.045	ng	# 98
24) Nitrobenzene	9.122	77	154284	40.405	ng	99
25) Isophorone	9.645	82	318445	38.770	ng	98
26) 2-Nitrophenol	9.833	139	68305	43.899	ng	96
27) 2,4-Dimethylphenol	9.898	122	139113	46.372	ng	96
28) bis(2-Chloroethoxy)met...	10.127	93	183165	41.496	ng	100
29) 2,4-Dichlorophenol	10.374	162	139412	47.386	ng	98
30) 1,2,4-Trichlorobenzene	10.585	180	133398	42.117	ng	99
31) Naphthalene	10.773	128	404998	40.695	ng	99
32) Benzoic acid	10.039	122	107506	45.818	ng	99
33) 4-Chloroaniline	10.879	127	78222	16.706	ng	97
34) Hexachlorobutadiene	11.061	225	80375	41.143	ng	98
35) Caprolactam	11.661	113	55213m	43.303	ng	
36) 4-Chloro-3-methylphenol	12.007	107	174009	44.550	ng	99
37) 2-Methylnaphthalene	12.383	142	289839	39.508	ng	98
38) 1-Methylnaphthalene	12.601	142	276197	39.843	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	158025	40.169	ng	98
41) Hexachlorocyclopentadiene	12.730	237	192198	90.881	ng	98
43) 2,4,6-Trichlorophenol	12.988	196	127813	44.075	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	142561	41.305	ng	98
46) 1,1'-Biphenyl	13.394	154	394135	41.151	ng	99
47) 2-Chloronaphthalene	13.435	162	307458	41.800	ng	98
48) 2-Nitroaniline	13.641	65	121685	41.520	ng	90
49) Acenaphthylene	14.281	152	522820	40.531	ng	99
50) Dimethylphthalate	14.017	163	445631	39.985	ng	99
51) 2,6-Dinitrotoluene	14.134	165	96873	41.863	ng	99
52) Acenaphthene	14.622	154	301855	40.058	ng	99
53) 3-Nitroaniline	14.463	138	70891	26.948	ng	98
54) 2,4-Dinitrophenol	14.669	184	117672	92.044	ng	98
55) Dibenzofuran	14.957	168	509546	39.423	ng	99
56) 4-Nitrophenol	14.775	139	188993	87.628	ng	99
57) 2,4-Dinitrotoluene	14.922	165	142796	42.528	ng	93
58) Fluorene	15.609	166	412397	39.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	134923	43.123	ng	100
60) Diethylphthalate	15.374	149	469225	39.941	ng	99
61) 4-Chlorophenyl-phenyle...	15.597	204	222612	39.784	ng	98
62) 4-Nitroaniline	15.632	138	108931	39.476	ng	96
63) Azobenzene	15.891	77	444558	39.571	ng	99
65) 4,6-Dinitro-2-methylph...	15.685	198	86698	44.996	ng	96
66) n-Nitrosodiphenylamine	15.815	169	383505	41.970	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	154583	40.899	ng	97
68) Hexachlorobenzene	16.608	284	170328	42.676	ng	99
69) Atrazine	16.761	200	148729	43.827	ng	98
70) Pentachlorophenol	16.954	266	239550	78.482	ng	100
71) Phenanthrene	17.348	178	711439	41.392	ng	99
72) Anthracene	17.436	178	729209	41.136	ng	100
73) Carbazole	17.706	167	707221	41.959	ng	99
74) Di-n-butylphthalate	18.265	149	871236	41.822	ng	100
75) Fluoranthene	19.357	202	866719	40.027	ng	99
77) Benzidine	19.534	184	257177	37.115	ng	99
78) Pyrene	19.716	202	885129	41.971	ng	100
80) Butylbenzylphthalate	20.603	149	365690	42.763	ng	98
81) Benzo(a)anthracene	21.537	228	847849	41.482	ng	100
82) 3,3'-Dichlorobenzidine	21.455	252	274045	37.681	ng	98
83) Chrysene	21.602	228	787332	40.696	ng	99
84) Bis(2-ethylhexyl)phtha...	21.443	149	513928	42.328	ng	100
85) Di-n-octyl phthalate	22.630	149	921578	43.013	ng	97
87) Indeno(1,2,3-cd)pyrene	28.312	276	1050507	44.968	ng	# 94
88) Benzo(b)fluoranthene	23.705	252	883384	45.929	ng	99
89) Benzo(k)fluoranthene	23.776	252	860109	44.246	ng	99
90) Benzo(a)pyrene	24.557	252	788674	41.394	ng	99
91) Dibenzo(a,h)anthracene	28.365	278	878820	45.350	ng	99
92) Benzo(g,h,i)perylene	29.434	276	864522	44.889	ng	99

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

