

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057904.D
 Acq On : 29 Jun 2023 14:38
 Operator : CG/JU
 Sample : PB153813BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153813BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 29 15:38:55 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	37752	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	177475	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	136532	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	360811	20.000	ng	0.00
76) Chrysene-d12	21.555	240	298298	20.000	ng	0.00
86) Perylene-d12	24.710	264	352879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	342479	138.799	ng	0.00
7) Phenol-d6	7.089	99	485963	131.707	ng	0.00
23) Nitrobenzene-d5	9.081	82	280034	77.328	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	261728	114.133	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	673758	75.307	ng	0.00
79) Terphenyl-d14	19.915	244	1340111	81.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	42799	37.843	ng	98
3) Pyridine	3.781	79	102131	31.294	ng	97
4) n-Nitrosodimethylamine	3.699	42	55904	41.558	ng	# 96
6) Aniline	7.242	93	124416	26.992	ng	98
8) 2-Chlorophenol	7.483	128	127643	51.531	ng	99
9) Benzaldehyde	7.054	77	46575m	21.679	ng	
10) Phenol	7.113	94	183087	51.063	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	120532	44.590	ng	95
12) 1,3-Dichlorobenzene	7.806	146	118791	46.625	ng	96
13) 1,4-Dichlorobenzene	7.953	146	119174	46.568	ng	98
14) 1,2-Dichlorobenzene	8.270	146	115903	46.799	ng	98
15) Benzyl Alcohol	8.159	79	126460	46.519	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	197632	43.907	ng	98
17) 2-Methylphenol	8.364	107	126063	47.425	ng	99
18) Hexachloroethane	9.005	117	42165	47.284	ng	96
19) n-Nitroso-di-n-propyla...	8.723	70	104094	42.161	ng	96
20) 3+4-Methylphenols	8.687	107	175377	47.355	ng	99
22) Acetophenone	8.740	105	203564	41.213	ng	# 99
24) Nitrobenzene	9.122	77	148015	40.720	ng	97
25) Isophorone	9.645	82	303875	38.864	ng	99
26) 2-Nitrophenol	9.833	139	67376	45.489	ng	99
27) 2,4-Dimethylphenol	9.898	122	135991	47.620	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	174606	41.555	ng	99
29) 2,4-Dichlorophenol	10.374	162	132981	47.483	ng	96
30) 1,2,4-Trichlorobenzene	10.585	180	128364	42.574	ng	98
31) Naphthalene	10.773	128	386752	40.824	ng	98
32) Benzoic acid	10.033	122	112863	50.530	ng	95
33) 4-Chloroaniline	10.879	127	75480	16.934	ng	97
34) Hexachlorobutadiene	11.055	225	77168	41.496	ng	96
35) Caprolactam	11.660	113	53697m	44.241	ng	
36) 4-Chloro-3-methylphenol	12.007	107	168825	45.405	ng	99
37) 2-Methylnaphthalene	12.383	142	276786	39.634	ng	98
38) 1-Methylnaphthalene	12.601	142	263098	39.870	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	155342	40.668	ng	99
41) Hexachlorocyclopentadiene	12.730	237	187209	91.169	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	125250	44.483	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	140867	42.035	ng	99
46) 1,1'-Biphenyl	13.394	154	382955	41.180	ng	100
47) 2-Chloronaphthalene	13.435	162	295794	41.417	ng	98
48) 2-Nitroaniline	13.640	65	122747	43.135	ng	93
49) Acenaphthylene	14.281	152	508155	40.572	ng	100
50) Dimethylphthalate	14.017	163	436277	40.316	ng	99
51) 2,6-Dinitrotoluene	14.134	165	96939	43.145	ng	99
52) Acenaphthene	14.622	154	298694	40.824	ng	98
53) 3-Nitroaniline	14.463	138	69074	27.043	ng	97
54) 2,4-Dinitrophenol	14.669	184	121053	97.521	ng	97
55) Dibenzofuran	14.957	168	500471	39.879	ng	99
56) 4-Nitrophenol	14.774	139	187880	89.717	ng	100
57) 2,4-Dinitrotoluene	14.921	165	144705	44.385	ng	94
58) Fluorene	15.609	166	408483	40.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	133694	44.008	ng	100
60) Diethylphthalate	15.374	149	461364	40.446	ng	100
61) 4-Chlorophenyl-phenyle...	15.597	204	216182	39.790	ng	99
62) 4-Nitroaniline	15.632	138	108661	40.556	ng	99
63) Azobenzene	15.891	77	438204	40.172	ng	99
65) 4,6-Dinitro-2-methylph...	15.685	198	89748	46.223	ng	97
66) n-Nitrosodiphenylamine	15.814	169	380033	41.272	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	153593	40.327	ng	96
68) Hexachlorobenzene	16.608	284	169221	42.074	ng	97
69) Atrazine	16.760	200	148050	43.294	ng	98
70) Pentachlorophenol	16.954	266	237739	77.294	ng	99
71) Phenanthrene	17.348	178	708398	40.900	ng	100
72) Anthracene	17.436	178	723539	40.504	ng	100
73) Carbazole	17.706	167	708818	41.733	ng	99
74) Di-n-butylphthalate	18.264	149	860189	40.976	ng	99
75) Fluoranthene	19.357	202	873452	40.030	ng	98
77) Benzidine	19.539	184	219738	31.398	ng	98
78) Pyrene	19.722	202	887863	41.685	ng	100
80) Butylbenzylphthalate	20.609	149	365164	42.279	ng	98
81) Benzo(a)anthracene	21.537	228	854940	41.415	ng	100
82) 3,3'-Dichlorobenzidine	21.455	252	272561	37.107	ng	99
83) Chrysene	21.602	228	792570	40.562	ng	99
84) Bis(2-ethylhexyl)phtha...	21.443	149	509877	41.579	ng	100
85) Di-n-octyl phthalate	22.630	149	919112	42.474	ng	98
87) Indeno(1,2,3-cd)pyrene	28.300	276	1057477	45.236	ng	# 94
88) Benzo(b)fluoranthene	23.711	252	888703	46.174	ng	100
89) Benzo(k)fluoranthene	23.776	252	862988	44.365	ng	99
90) Benzo(a)pyrene	24.557	252	788522	41.358	ng	99
91) Dibenzo(a,h)anthracene	28.364	278	880784	45.421	ng	99
92) Benzo(g,h,i)perylene	29.434	276	872203	45.258	ng	99

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

