

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057638.D
 Acq On : 6 Jun 2023 15:23
 Operator : CG/JU
 Sample : PB153188BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153188BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 06 16:06:31 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 01 03:51:58 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	20630	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	88706	20.000	ng	0.00
39) Acenaphthene-d10	14.962	164	67480	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	170976	20.000	ng	0.00
76) Chrysene-d12	22.012	240	151842	20.000	ng	0.00
86) Perylene-d12	25.501	264	165992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	195347	164.507	ng	0.00
7) Phenol-d6	7.496	99	283523	152.565	ng	0.00
23) Nitrobenzene-d5	9.523	82	177456	93.515	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	137652	127.412	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	439591	93.619	ng	0.00
79) Terphenyl-d14	20.267	244	867130	98.923	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.642	88	19514	39.663	ng	96
3) Pyridine	4.071	79	54703	36.368	ng	98
4) n-Nitrosodimethylamine	3.983	42	28563	46.933	ng	88
6) Aniline	7.655	93	102783	45.718	ng	97
8) 2-Chlorophenol	7.901	128	72868	57.159	ng	95
9) Benzaldehyde	7.467	77	45811	37.207	ng	92
10) Phenol	7.520	94	99015	56.293	ng	99
11) bis(2-Chloroethyl)ether	7.743	93	68776	52.366	ng	95
12) 1,3-Dichlorobenzene	8.230	146	72271	53.212	ng	99
13) 1,4-Dichlorobenzene	8.377	146	75242	54.454	ng	98
14) 1,2-Dichlorobenzene	8.700	146	73160	54.283	ng	96
15) Benzyl Alcohol	8.583	79	72687	50.846	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.853	45	87609m	53.720	ng	
17) 2-Methylphenol	8.788	107	66609	51.568	ng	94
18) Hexachloroethane	9.440	117	27025	57.120	ng	94
19) n-Nitroso-di-n-propyla...	9.147	70	62437	48.360	ng	97
20) 3+4-Methylphenols	9.117	107	91673	50.557	ng	97
22) Acetophenone	9.176	105	115945	48.881	ng	# 97
24) Nitrobenzene	9.570	77	90433	46.948	ng	99
25) Isophorone	10.087	82	172086	46.138	ng	97
26) 2-Nitrophenol	10.286	139	40873	49.489	ng	99
27) 2,4-Dimethylphenol	10.333	122	76537	53.601	ng	97
28) bis(2-Chloroethoxy)met...	10.557	93	96949	50.127	ng	99
29) 2,4-Dichlorophenol	10.833	162	78061	52.051	ng	99
30) 1,2,4-Trichlorobenzene	11.038	180	82186	50.283	ng	98
31) Naphthalene	11.232	128	224888	47.925	ng	98
32) Benzoic acid	10.492	122	31128	38.858	ng	97
33) 4-Chloroaniline	11.344	127	90226	41.812	ng	98
34) Hexachlorobutadiene	11.496	225	55330	48.943	ng	96
35) Caprolactam	12.107	113	27861m	44.814	ng	
36) 4-Chloro-3-methylphenol	12.442	107	88179	49.674	ng	97
37) 2-Methylnaphthalene	12.812	142	168016	45.620	ng	97
38) 1-Methylnaphthalene	13.030	142	157475	44.807	ng	98
40) 1,2,4,5-Tetrachloroben...	13.177	216	110244	49.774	ng	99
41) Hexachlorocyclopentadiene	13.141	237	60032	95.316	ng	94
43) 2,4,6-Trichlorophenol	13.412	196	69141	49.584	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	73731	44.396	ng	98
46) 1,1'-Biphenyl	13.799	154	240334	49.832	ng	98
47) 2-Chloronaphthalene	13.852	162	182068	50.119	ng	97
48) 2-Nitroaniline	14.052	65	59703	46.919	ng	97
49) Acenaphthylene	14.692	152	291474	47.383	ng	99
50) Dimethylphthalate	14.398	163	253914	45.655	ng	99
51) 2,6-Dinitrotoluene	14.534	165	57322	48.148	ng	99
52) Acenaphthene	15.027	154	178287	47.366	ng	97
53) 3-Nitroaniline	14.868	138	51519	41.489	ng	# 95
54) 2,4-Dinitrophenol	15.092	184	61080	84.617	ng	95
55) Dibenzofuran	15.356	168	296891	46.160	ng	98
56) 4-Nitrophenol	15.186	139	75983	91.838	ng	90
57) 2,4-Dinitrotoluene	15.327	165	82399	46.225	ng	99
58) Fluorene	16.002	166	250390	46.108	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.585	232	70109	45.061	ng	# 99
60) Diethylphthalate	15.744	149	262191	45.167	ng	99
61) 4-Chlorophenyl-phenyle...	15.979	204	138543	45.777	ng	98
62) 4-Nitroaniline	16.032	138	59772	44.622	ng	92
63) Azobenzene	16.272	77	240864	46.657	ng	98
65) 4,6-Dinitro-2-methylph...	16.096	198	50355	48.370	ng	92
66) n-Nitrosodiphenylamine	16.196	169	225187	50.673	ng	96
67) 4-Bromophenyl-phenylether	16.872	248	95825	49.964	ng	98
68) Hexachlorobenzene	17.013	284	102583	51.889	ng	96
69) Atrazine	17.130	200	101746	53.328	ng	99
70) Pentachlorophenol	17.359	266	79352	78.774	ng	99
71) Phenanthrene	17.747	178	430512	49.204	ng	99
72) Anthracene	17.835	178	434641	48.424	ng	99
73) Carbazole	18.105	167	395652	49.274	ng	100
74) Di-n-butylphthalate	18.616	149	463305	48.604	ng	98
75) Fluoranthene	19.738	202	524992	46.220	ng	100
77) Benzidine	19.903	184	293500	63.877	ng	100
78) Pyrene	20.097	202	530228	49.043	ng	100
80) Butylbenzylphthalate	20.943	149	198090	50.309	ng	98
81) Benzo(a)anthracene	21.988	228	509592	48.375	ng	98
82) 3,3'-Dichlorobenzidine	21.882	252	152762	39.324	ng	97
83) Chrysene	22.059	228	465905	46.801	ng	99
84) Bis(2-ethylhexyl)phtha...	21.824	149	283686	50.509	ng	99
85) Di-n-octyl phthalate	23.116	149	473029	50.810	ng	100
87) Indeno(1,2,3-cd)pyrene	29.560	276	567140	49.005	ng	98
88) Benzo(b)fluoranthene	24.385	252	515106	50.415	ng	99
89) Benzo(k)fluoranthene	24.455	252	501741	48.658	ng	98
90) Benzo(a)pyrene	25.342	252	451060	45.269	ng	99
91) Dibenzo(a,h)anthracene	29.607	278	470855	48.886	ng	99
92) Benzo(g,h,i)perylene	30.835	276	459921	48.962	ng	96

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

