

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060228.D
 Acq On : 3 Jan 2024 15:33
 Operator : MA/JU
 Sample : PB158126BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158126BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 16:11:08 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 03:14:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	238569	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	1049329	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	841471	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	2023540	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1754784	20.000	ng	0.00
86) Perylene-d12	24.763	264	1890084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1683191	106.489	ng	0.00
7) Phenol-d6	7.101	99	2934640	125.046	ng	0.00
23) Nitrobenzene-d5	9.099	82	1731533	76.220	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1377551	122.297	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4119211	70.356	ng	0.00
79) Terphenyl-d14	19.945	244	5535226	60.642	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	209212	29.750	ng	96
3) Pyridine	3.799	79	526158	26.382	ng	99
4) n-Nitrosodimethylamine	3.717	42	249690	33.560	ng	98
6) Aniline	7.260	93	922228	39.221	ng	96
8) 2-Chlorophenol	7.501	128	675506	44.468	ng	96
9) Benzaldehyde	7.072	77	361131m	25.594	ng	
10) Phenol	7.131	94	1088801	46.006	ng	95
11) bis(2-Chloroethyl)ether	7.354	93	745083	38.906	ng	95
12) 1,3-Dichlorobenzene	7.824	146	673231	35.901	ng	97
13) 1,4-Dichlorobenzene	7.971	146	689536	36.372	ng	96
14) 1,2-Dichlorobenzene	8.288	146	702881	37.925	ng	99
15) Benzyl Alcohol	8.176	79	685953	47.090	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.458	45	955875	38.892	ng	99
17) 2-Methylphenol	8.376	107	696818	47.022	ng	98
18) Hexachloroethane	9.017	117	238229	39.900	ng	93
19) n-Nitroso-di-n-propyla...	8.740	70	657148	40.988	ng	97
20) 3+4-Methylphenols	8.705	107	953410	45.395	ng	99
22) Acetophenone	8.758	105	1173854	37.757	ng	# 96
24) Nitrobenzene	9.140	77	897136	38.597	ng	99
25) Isophorone	9.657	82	1797326	37.814	ng	99
26) 2-Nitrophenol	9.851	139	370384	45.665	ng	94
27) 2,4-Dimethylphenol	9.910	122	717906	62.486	ng	100
28) bis(2-Chloroethoxy)met...	10.145	93	1105205	39.701	ng	99
29) 2,4-Dichlorophenol	10.386	162	824908	45.431	ng	93
30) 1,2,4-Trichlorobenzene	10.603	180	811657	36.726	ng	98
31) Naphthalene	10.791	128	2098991	37.889	ng	99
32) Benzoic acid	10.057	122	452792	44.935	ng	88
33) 4-Chloroaniline	10.897	127	548174	25.337	ng	97
34) Hexachlorobutadiene	11.073	225	469671	35.733	ng	97
35) Caprolactam	11.672	113	276604m	45.795	ng	
36) 4-Chloro-3-methylphenol	12.025	107	848749	45.420	ng	99
37) 2-Methylnaphthalene	12.401	142	1589829	39.732	ng	99
38) 1-Methylnaphthalene	12.618	142	1528616	37.784	ng	94
40) 1,2,4,5-Tetrachloroben...	12.765	216	1026455	38.082	ng	98
41) Hexachlorocyclopentadiene	12.748	237	1039278	119.289	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	757714	42.778	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	831719	41.975	ng	100
46) 1,1'-Biphenyl	13.406	154	2391882	38.635	ng	97
47) 2-Chloronaphthalene	13.453	162	1962450	37.206	ng	99
48) 2-Nitroaniline	13.652	65	637803	46.270	ng	96
49) Acenaphthylene	14.299	152	3046081	40.081	ng	98
50) Dimethylphthalate	14.028	163	2577121	39.668	ng	98
51) 2,6-Dinitrotoluene	14.152	165	580398	42.951	ng	99
52) Acenaphthene	14.639	154	1828579	38.558	ng	99
53) 3-Nitroaniline	14.481	138	405433	31.841	ng	98
54) 2,4-Dinitrophenol	14.686	184	684374	86.251	ng	99
55) Dibenzofuran	14.974	168	3061886	38.544	ng	98
56) 4-Nitrophenol	14.792	139	899921	93.501	ng	98
57) 2,4-Dinitrotoluene	14.939	165	804111	43.762	ng	99
58) Fluorene	15.627	166	2516124	38.618	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	785266	45.468	ng	99
60) Diethylphthalate	15.397	149	2496268	40.291	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	1304563	38.454	ng	98
62) 4-Nitroaniline	15.650	138	569721	42.453	ng	99
63) Azobenzene	15.909	77	2537480	39.504	ng	99
65) 4,6-Dinitro-2-methylph...	15.703	198	489164	48.311	ng	98
66) n-Nitrosodiphenylamine	15.832	169	2278310	41.782	ng	98
67) 4-Bromophenyl-phenylether	16.514	248	854957	39.851	ng	96
68) Hexachlorobenzene	16.625	284	971331	38.615	ng	96
69) Atrazine	16.784	200	1289551	64.346	ng	100
70) Pentachlorophenol	16.972	266	1147140	83.016	ng	98
71) Phenanthrene	17.366	178	3976443	39.756	ng	97
72) Anthracene	17.460	178	3953371	39.792	ng	96
73) Carbazole	17.730	167	3695785	39.220	ng	96
74) Di-n-butylphthalate	18.288	149	3765736	41.238	ng	98
75) Fluoranthene	19.381	202	4322778	36.845	ng	95
77) Benzidine	19.563	184	1430507	29.455	ng	99
78) Pyrene	19.745	202	4499173	38.142	ng	95
80) Butylbenzylphthalate	20.632	149	1796059	51.638	ng	97
81) Benzo(a)anthracene	21.572	228	4447010	39.858	ng	95
82) 3,3'-Dichlorobenzidine	21.490	252	1455721	35.880	ng	100
83) Chrysene	21.637	228	4264294	39.341	ng	96
84) Bis(2-ethylhexyl)phtha...	21.478	149	2692340	51.044	ng	97
85) Di-n-octyl phthalate	22.671	149	4456525	51.616	ng	100
87) Indeno(1,2,3-cd)pyrene	28.382	276	5848089	43.886	ng	# 92
88) Benzo(b)fluoranthene	23.758	252	4934581	43.445	ng	98
89) Benzo(k)fluoranthene	23.823	252	4811066	42.084	ng	98
90) Benzo(a)pyrene	24.616	252	4393108	42.751	ng	99
91) Dibenzo(a,h)anthracene	28.453	278	4842736	44.230	ng	98
92) Benzo(g,h,i)perylene	29.522	276	4738288	42.725	ng	99

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

