

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057881.D
 Acq On : 28 Jun 2023 00:51
 Operator : CG/JU
 Sample : PB153721BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153721BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 02:41:02 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	7.924	152	44581	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	212990	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	161447	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	416063	20.000	ng	0.00
76) Chrysene-d12	21.555	240	346572	20.000	ng	0.00
86) Perylene-d12	24.704	264	412932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	390060	133.867	ng	0.00
7) Phenol-d6	7.089	99	571518	131.167	ng	0.00
23) Nitrobenzene-d5	9.087	82	328714	75.635	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	302588	111.588	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	790286	74.700	ng	0.00
79) Terphenyl-d14	19.915	244	1515659	79.729	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	39873	29.855	ng	93
3) Pyridine	3.787	79	108917	28.261	ng	94
4) n-Nitrosodimethylamine	3.705	42	61357	38.625	ng	# 98
6) Aniline	7.248	93	198558	36.479	ng	99
8) 2-Chlorophenol	7.489	128	144727	49.478	ng	98
9) Benzaldehyde	7.060	77	72179m	31.095	ng	
10) Phenol	7.113	94	210419	49.697	ng	95
11) bis(2-Chloroethyl)ether	7.342	93	134393	42.101	ng	98
12) 1,3-Dichlorobenzene	7.812	146	130960	43.527	ng	98
13) 1,4-Dichlorobenzene	7.959	146	131514	43.518	ng	97
14) 1,2-Dichlorobenzene	8.276	146	130269	44.542	ng	99
15) Benzyl Alcohol	8.159	79	150271	46.810	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.447	45	225148m	42.358	ng	
17) 2-Methylphenol	8.364	107	144643	46.080	ng	98
18) Hexachloroethane	9.005	117	46764	44.408	ng	98
19) n-Nitroso-di-n-propyla...	8.729	70	122314	41.952	ng	98
20) 3+4-Methylphenols	8.693	107	203494	46.530	ng	98
22) Acetophenone	8.746	105	237024	39.986	ng	99
24) Nitrobenzene	9.128	77	171428	39.298	ng	96
25) Isophorone	9.651	82	363520	38.740	ng	98
26) 2-Nitrophenol	9.839	139	77487	43.592	ng	98
27) 2,4-Dimethylphenol	9.898	122	153738	44.858	ng	96
28) bis(2-Chloroethoxy)met...	10.133	93	205064	40.666	ng	97
29) 2,4-Dichlorophenol	10.374	162	154590	45.994	ng	96
30) 1,2,4-Trichlorobenzene	10.585	180	148893	41.148	ng	97
31) Naphthalene	10.773	128	446600	39.281	ng	98
32) Benzoic acid	10.051	122	139392	52.001	ng	93
33) 4-Chloroaniline	10.885	127	142980	26.729	ng	99
34) Hexachlorobutadiene	11.061	225	86974	38.971	ng	98
35) Caprolactam	11.666	113	63877m	43.852	ng	
36) 4-Chloro-3-methylphenol	12.007	107	196190	43.967	ng	99
37) 2-Methylnaphthalene	12.383	142	324856	38.761	ng	99
38) 1-Methylnaphthalene	12.606	142	308918	39.008	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	178644	39.551	ng	99
41) Hexachlorocyclopentadiene	12.730	237	211482	87.096	ng	95
43) 2,4,6-Trichlorophenol	12.988	196	146197	43.910	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	162436	40.991	ng	98
46) 1,1'-Biphenyl	13.394	154	441550	40.153	ng	99
47) 2-Chloronaphthalene	13.435	162	342932	40.607	ng	97
48) 2-Nitroaniline	13.640	65	141915	42.175	ng	93
49) Acenaphthylene	14.281	152	583615	39.406	ng	99
50) Dimethylphthalate	14.016	163	496592	38.808	ng	99
51) 2,6-Dinitrotoluene	14.134	165	110518	41.597	ng	98
52) Acenaphthene	14.622	154	341647	39.488	ng	98
53) 3-Nitroaniline	14.463	138	98202	32.513	ng	99
54) 2,4-Dinitrophenol	14.669	184	128583	87.601	ng	96
55) Dibenzofuran	14.957	168	574632	38.722	ng	99
56) 4-Nitrophenol	14.774	139	210605	85.049	ng	98
57) 2,4-Dinitrotoluene	14.921	165	160632	41.667	ng	97
58) Fluorene	15.609	166	462874	38.645	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	152687	42.504	ng	99
60) Diethylphthalate	15.380	149	522474	38.735	ng	100
61) 4-Chlorophenyl-phenyle...	15.597	204	247638	38.546	ng	98
62) 4-Nitroaniline	15.632	138	122280	38.595	ng	98
63) Azobenzene	15.891	77	504300	39.097	ng	98
65) 4,6-Dinitro-2-methylph...	15.685	198	94494	42.204	ng	98
66) n-Nitrosodiphenylamine	15.814	169	428550	40.360	ng	99
67) 4-Bromophenyl-phenylether	16.490	248	175829	40.034	ng	98
68) Hexachlorobenzene	16.608	284	194174	41.867	ng	99
69) Atrazine	16.760	200	182587	46.303	ng	98
70) Pentachlorophenol	16.954	266	262603	74.040	ng	100
71) Phenanthrene	17.348	178	787199	39.414	ng	100
72) Anthracene	17.436	178	803395	39.002	ng	98
73) Carbazole	17.706	167	781963	39.925	ng	99
74) Di-n-butylphthalate	18.264	149	945576	39.062	ng	100
75) Fluoranthene	19.357	202	959209	38.123	ng	99
77) Benzidine	19.534	184	401717	49.406	ng	99
78) Pyrene	19.716	202	978271	39.532	ng	100
80) Butylbenzylphthalate	20.603	149	406993	40.558	ng	97
81) Benzo(a)anthracene	21.537	228	970732	40.474	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	314880	36.897	ng	99
83) Chrysene	21.602	228	896174	39.476	ng	100
84) Bis(2-ethylhexyl)phtha...	21.449	149	570504	40.043	ng	99
85) Di-n-octyl phthalate	22.636	149	1038115	41.291	ng	97
87) Indeno(1,2,3-cd)pyrene	28.300	276	1203560	43.998	ng	# 95
88) Benzo(b)fluoranthene	23.705	252	1022981	45.421	ng	100
89) Benzo(k)fluoranthene	23.776	252	999723	43.920	ng	99
90) Benzo(a)pyrene	24.557	252	906276	40.622	ng	99
91) Dibenzo(a,h)anthracene	28.364	278	1008052	44.424	ng	99
92) Benzo(g,h,i)perylene	29.422	276	991381	43.961	ng	99

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

