

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054326.D
 Acq On : 20 Jul 2022 13:44
 Operator : CG/JU
 Sample : PB146329BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146329BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022

Quant Time: Jul 21 01:24:27 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 15 15:54:11 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	19348	20.000	ng	0.00
21) Naphthalene-d8	10.805	136	72189	20.000	ng	# 0.00
39) Acenaphthene-d10	14.630	164	57019	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	153886	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	190922	20.000	ng	# 0.00
86) Perylene-d12	24.842	264	208421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	121769	131.404	ng	0.00
7) Phenol-d6	7.162	99	156644	123.363	ng	0.00
23) Nitrobenzene-d5	9.160	82	100122	75.529	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	145609	121.626	ng	0.00
45) 2-Fluorobiphenyl	13.255	172	314240	77.745	ng	0.00
79) Terphenyl-d14	19.982	244	780923	81.143	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	10784m	29.251	ng	
3) Pyridine	3.825	79	29349	31.382	ng	97
4) n-Nitrosodimethylamine	3.737	42	22919	43.827	ng	# 77
6) Aniline	7.315	93	57470	39.210	ng	97
8) 2-Chlorophenol	7.562	128	47142	44.267	ng	88
9) Benzaldehyde	7.127	77	23422	35.177	ng	# 73
10) Phenol	7.192	94	55321	43.850	ng	95
11) bis(2-Chloroethyl)ether	7.409	93	36192	39.345	ng	93
12) 1,3-Dichlorobenzene	7.885	146	53368	41.130	ng	91
13) 1,4-Dichlorobenzene	8.032	146	53910	40.233	ng	95
14) 1,2-Dichlorobenzene	8.349	146	52775	41.766	ng	98
15) Benzyl Alcohol	8.232	79	44759	42.858	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.519	45	47470	40.976	ng	90
17) 2-Methylphenol	8.443	107	38362	42.188	ng	97
18) Hexachloroethane	9.084	117	18842	42.468	ng	# 61
19) n-Nitroso-di-n-propyla...	8.796	70	33222	39.180	ng	94
20) 3+4-Methylphenols	8.772	107	52214	40.753	ng	95
22) Acetophenone	8.813	105	70293	40.486	ng	# 97
24) Nitrobenzene	9.201	77	52156	40.259	ng	# 86
25) Isophorone	9.724	82	94591	41.029	ng	# 91
26) 2-Nitrophenol	9.912	139	27183	41.627	ng	91
27) 2,4-Dimethylphenol	9.977	122	43794	48.547	ng	91
28) bis(2-Chloroethoxy)met...	10.206	93	50933	43.803	ng	98
29) 2,4-Dichlorophenol	10.452	162	58396	42.887	ng	90
30) 1,2,4-Trichlorobenzene	10.670	180	67868	40.245	ng	# 95
31) Naphthalene	10.852	128	139941	38.618	ng	98
32) Benzoic acid	10.159	122	9192m	29.239	ng	
33) 4-Chloroaniline	10.958	127	50763	34.447	ng	# 93
34) Hexachlorobutadiene	11.140	225	59748	40.090	ng	99
35) Caprolactam	11.727	113	14551m	42.442	ng	
36) 4-Chloro-3-methylphenol	12.086	107	51981	41.963	ng	# 85
37) 2-Methylnaphthalene	12.456	142	109431	39.324	ng	98
38) 1-Methylnaphthalene	12.679	142	103595m	38.204	ng	
40) 1,2,4,5-Tetrachloroben...	12.832	216	102609	41.075	ng	# 95
41) Hexachlorocyclopentadiene	12.809	237	90806	108.536	ng	95
43) 2,4,6-Trichlorophenol	13.067	196	55662	40.922	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.143	196	62905	40.931	ng	# 90
46) 1,1'-Biphenyl	13.461	154	162146	41.567	ng	96
47) 2-Chloronaphthalene	13.508	162	132744	40.662	ng	97
48) 2-Nitroaniline	13.707	65	35667	41.864	ng	# 86
49) Acenaphthylene	14.354	152	198587	40.939	ng	100
50) Dimethylphthalate	14.084	163	182097	40.886	ng	99
51) 2,6-Dinitrotoluene	14.201	165	41094	42.067	ng	# 80
52) Acenaphthene	14.695	154	118982	40.506	ng	98
53) 3-Nitroaniline	14.530	138	27476	33.630	ng	87
54) 2,4-Dinitrophenol	14.747	184	39690	70.824	ng	# 79
55) Dibenzofuran	15.029	168	211690	40.503	ng	96
56) 4-Nitrophenol	14.853	139	48485	88.949	ng	96
57) 2,4-Dinitrotoluene	14.994	165	59976	42.827	ng	# 84
58) Fluorene	15.676	166	175370	40.811	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.259	232	61193	40.897	ng	# 86
60) Diethylphthalate	15.441	149	175546	41.087	ng	95
61) 4-Chlorophenyl-phenyle...	15.664	204	119494	42.363	ng	# 89
62) 4-Nitroaniline	15.693	138	34285	39.943	ng	90
63) Azobenzene	15.958	77	124275	40.256	ng	83
65) 4,6-Dinitro-2-methylph...	15.764	198	35085	36.904	ng	78
66) n-Nitrosodiphenylamine	15.881	169	158105	41.151	ng	97
67) 4-Bromophenyl-phenylether	16.557	248	90812	42.018	ng	# 92
68) Hexachlorobenzene	16.686	284	103681	41.950	ng	# 91
69) Atrazine	16.827	200	83576	48.884	ng	94
70) Pentachlorophenol	17.033	266	71660	67.468	ng	95
71) Phenanthrene	17.415	178	311871	40.696	ng	98
72) Anthracene	17.509	178	316815	42.128	ng	98
73) Carbazole	17.773	167	265522	42.886	ng	98
74) Di-n-butylphthalate	18.331	149	303621	41.556	ng	98
75) Fluoranthene	19.424	202	434057	41.550	ng	95
77) Benzidine	19.601	184	218676	63.242	ng	97
78) Pyrene	19.789	202	434462	39.659	ng	98
80) Butylbenzylphthalate	20.670	149	135632	39.729	ng	# 85
81) Benzo(a)anthracene	21.622	228	489682	40.404	ng	98
82) 3,3'-Dichlorobenzidine	21.534	252	150267	39.867	ng	# 95
83) Chrysene	21.686	228	456525	39.870	ng	98
84) Bis(2-ethylhexyl)phtha...	21.522	149	196215	40.618	ng	# 91
85) Di-n-octyl phthalate	22.720	149	342252	41.530	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.508	276	630242	39.749	ng	# 98
88) Benzo(b)fluoranthene	23.825	252	548478	44.498	ng	# 98
89) Benzo(k)fluoranthene	23.896	252	509923	41.569	ng	# 98
90) Benzo(a)pyrene	24.689	252	477168	45.331	ng	# 98
91) Dibenzo(a,h)anthracene	28.567	278	547856	42.021	ng	# 95
92) Benzo(g,h,i)perylene	29.648	276	536789	41.715	ng	# 92

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

