

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056645.D
 Acq On : 15 Feb 2023 23:22
 Operator : CG/JU
 Sample : PB150808BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB150808BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:56:33 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 16 01:33:33 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	13806	20.000	ng	0.00
21) Naphthalene-d8	11.279	136	53450	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	42607	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	115604	20.000	ng	0.00
76) Chrysene-d12	22.095	240	110527	20.000	ng	0.00
86) Perylene-d12	25.632	264	127028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	108300	127.634	ng	0.00
7) Phenol-d6	7.559	99	152802	121.911	ng	0.00
23) Nitrobenzene-d5	9.610	82	84603	81.043	ng	0.00
42) 2,4,6-Tribromophenol	16.520	330	71204	122.062	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	229449	72.112	ng	0.00
79) Terphenyl-d14	20.344	244	488570	72.322	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.752	88	18058	48.543	ng	99
3) Pyridine	4.169	79	49916	42.421	ng	97
4) n-Nitrosodimethylamine	4.075	42	24471	44.616	ng	93
6) Aniline	7.742	93	60125	34.516	ng	95
8) 2-Chlorophenol	7.994	128	44594	53.117	ng	98
9) Benzaldehyde	7.554	77	32093	48.417	ng	84
10) Phenol	7.583	94	68952	53.779	ng	99
11) bis(2-Chloroethyl)ether	7.836	93	44172	45.917	ng	98
12) 1,3-Dichlorobenzene	8.323	146	49285	49.272	ng	97
13) 1,4-Dichlorobenzene	8.476	146	49783	49.420	ng	92
14) 1,2-Dichlorobenzene	8.799	146	46999	48.539	ng	95
15) Benzyl Alcohol	8.664	79	56247	50.118	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.964	45	59127	45.781	ng	98
17) 2-Methylphenol	8.858	107	43484	48.261	ng	99
18) Hexachloroethane	9.539	117	17736	55.581	ng	94
19) n-Nitroso-di-n-propyla...	9.240	70	42333	45.115	ng	98
20) 3+4-Methylphenols	9.187	107	60633	48.987	ng	92
22) Acetophenone	9.263	105	76040	46.560	ng	# 97
24) Nitrobenzene	9.651	77	58903	48.418	ng	98
25) Isophorone	10.174	82	116271	45.765	ng	98
26) 2-Nitrophenol	10.374	139	22322	51.931	ng	97
27) 2,4-Dimethylphenol	10.409	122	51368	52.296	ng	97
28) bis(2-Chloroethoxy)met...	10.650	93	61798	47.729	ng	98
29) 2,4-Dichlorophenol	10.908	162	53102	54.547	ng	98
30) 1,2,4-Trichlorobenzene	11.132	180	57103	49.240	ng	95
31) Naphthalene	11.326	128	140539	47.442	ng	99
32) Benzoic acid	10.521	122	34317	54.206	ng	98
33) 4-Chloroaniline	11.420	127	29232	21.599	ng	94
34) Hexachlorobutadiene	11.608	225	39962	48.220	ng	98
35) Caprolactam	12.178	113	16898m	53.967	ng	
36) 4-Chloro-3-methylphenol	12.501	107	56741	52.852	ng	96
37) 2-Methylnaphthalene	12.900	142	105727	45.202	ng	99
38) 1-Methylnaphthalene	13.118	142	97912	44.861	ng	96
40) 1,2,4,5-Tetrachloroben...	13.259	216	75441	47.630	ng	99
41) Hexachlorocyclopentadiene	13.235	237	102446	119.251	ng	100
43) 2,4,6-Trichlorophenol	13.482	196	51988	54.098	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.552	196	57564	49.979	ng	98
46) 1,1'-Biphenyl	13.881	154	151834	47.043	ng	96
47) 2-Chloronaphthalene	13.928	162	123931	48.523	ng	98
48) 2-Nitroaniline	14.116	65	36703	49.185	ng	92
49) Acenaphthylene	14.769	152	194413	46.846	ng	99
50) Dimethylphthalate	14.481	163	170849	48.506	ng	99
51) 2,6-Dinitrotoluene	14.598	165	33203	48.391	ng	92
52) Acenaphthene	15.104	154	132851	51.897	ng	99
53) 3-Nitroaniline	14.927	138	22158	32.409	ng	# 92
54) 2,4-Dinitrophenol	15.127	184	43102	105.925	ng	# 64
55) Dibenzofuran	15.433	168	201721	46.644	ng	98
56) 4-Nitrophenol	15.209	139	58994	112.621	ng	87
57) 2,4-Dinitrotoluene	15.380	165	47778	55.620	ng	95
58) Fluorene	16.079	166	162174	47.427	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.650	232	55078m	54.563	ng	
60) Diethylphthalate	15.832	149	171260	48.203	ng	100
61) 4-Chlorophenyl-phenyle...	16.061	204	97451	46.650	ng	99
62) 4-Nitroaniline	16.085	138	35631	50.005	ng	93
63) Azobenzene	16.355	77	165631	46.580	ng	98
65) 4,6-Dinitro-2-methylph...	16.138	198	27429	45.946	ng	97
66) n-Nitrosodiphenylamine	16.273	169	150778	44.833	ng	100
67) 4-Bromophenyl-phenylether	16.954	248	65480	44.117	ng	92
68) Hexachlorobenzene	17.078	284	72307	47.816	ng	98
69) Atrazine	17.207	200	66851	51.766	ng	97
70) Pentachlorophenol	17.413	266	92528	92.395	ng	93
71) Phenanthrene	17.818	178	291594	46.362	ng	99
72) Anthracene	17.912	178	298496	46.382	ng	99
73) Carbazole	18.171	167	259235	46.728	ng	99
74) Di-n-butylphthalate	18.705	149	299294	48.208	ng	99
75) Fluoranthene	19.804	202	383346	46.193	ng	99
77) Benzidine	19.963	184	169516	64.124	ng	97
78) Pyrene	20.162	202	383353	45.926	ng	99
80) Butylbenzylphthalate	21.032	149	124367	49.616	ng	96
81) Benzo(a)anthracene	22.072	228	382020	46.477	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	77178	28.940	ng	100
83) Chrysene	22.142	228	349950	45.542	ng	99
84) Bis(2-ethylhexyl)phtha...	21.948	149	184935	49.236	ng	99
85) Di-n-octyl phthalate	23.276	149	309712	49.610	ng	99
87) Indeno(1,2,3-cd)pyrene	29.733	276	466382	46.880	ng	# 98
88) Benzo(b)fluoranthene	24.504	252	396164	47.737	ng	99
89) Benzo(k)fluoranthene	24.581	252	381177	46.708	ng	100
90) Benzo(a)pyrene	25.468	252	346413	43.426	ng	99
91) Dibenzo(a,h)anthracene	29.810	278	384001	46.605	ng	# 97
92) Benzo(g,h,i)perylene	31.020	276	373758	46.424	ng	96

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

