

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056935.D
 Acq On : 30 Mar 2023 22:57
 Operator : CG/JU
 Sample : PB151747BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151747BSD

Quant Time: Mar 31 04:06:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	15699	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	67850	20.000	ng	0.00
39) Acenaphthene-d10	15.029	164	52775	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	133794	20.000	ng	0.00
76) Chrysene-d12	22.095	240	126452	20.000	ng	# 0.00
86) Perylene-d12	25.644	264	137378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	173111	176.479	ng	0.00
7) Phenol-d6	7.545	99	249713	170.211	ng	0.00
23) Nitrobenzene-d5	9.595	82	154199	92.991	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	128647	152.588	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	367316	94.379	ng	0.00
79) Terphenyl-d14	20.339	244	764856	102.352	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.720	88	16503	38.379	ng	98
3) Pyridine	4.137	79	49712	35.894	ng	99
4) n-Nitrosodimethylamine	4.049	42	31092	48.828	ng	# 100
6) Aniline	7.721	93	72577	38.697	ng	96
8) 2-Chlorophenol	7.968	128	57393	58.742	ng	95
9) Benzaldehyde	7.533	77	44285	48.126	ng	92
10) Phenol	7.568	94	84320	58.004	ng	99
11) bis(2-Chloroethyl)ether	7.809	93	51490	49.725	ng	99
12) 1,3-Dichlorobenzene	8.302	146	55300	51.223	ng	95
13) 1,4-Dichlorobenzene	8.449	146	58499	53.689	ng	93
14) 1,2-Dichlorobenzene	8.772	146	56251	53.436	ng	96
15) Benzyl Alcohol	8.643	79	67048	55.001	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.937	45	63819m	51.139	ng	
17) 2-Methylphenol	8.843	107	58026	55.949	ng	90
18) Hexachloroethane	9.518	117	20065	50.383	ng	92
19) n-Nitroso-di-n-propyla...	9.213	70	52669	50.192	ng	97
20) 3+4-Methylphenols	9.172	107	77847	53.679	ng	98
22) Acetophenone	9.242	105	94903	47.006	ng	# 99
24) Nitrobenzene	9.636	77	79655	46.985	ng	94
25) Isophorone	10.153	82	141204	44.718	ng	99
26) 2-Nitrophenol	10.353	139	31627	48.331	ng	99
27) 2,4-Dimethylphenol	10.394	122	59210	51.247	ng	96
28) bis(2-Chloroethoxy)met...	10.629	93	72457	45.834	ng	97
29) 2,4-Dichlorophenol	10.887	162	62810	50.549	ng	97
30) 1,2,4-Trichlorobenzene	11.110	180	64236	48.655	ng	100
31) Naphthalene	11.310	128	171419	46.351	ng	96
32) Benzoic acid	10.523	122	41909m	52.806	ng	
33) 4-Chloroaniline	11.404	127	35338	21.157	ng	96
34) Hexachlorobutadiene	11.580	225	45868	46.250	ng	96
35) Caprolactam	12.162	113	20594m	48.059	ng	
36) 4-Chloro-3-methylphenol	12.491	107	71634	51.551	ng	95
37) 2-Methylnaphthalene	12.884	142	130515	44.465	ng	99
38) 1-Methylnaphthalene	13.096	142	121849	44.210	ng	98
40) 1,2,4,5-Tetrachloroben...	13.243	216	89482	48.895	ng	97
41) Hexachlorocyclopentadiene	13.219	237	125389	124.353	ng	96
43) 2,4,6-Trichlorophenol	13.466	196	59337	50.809	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	64395	46.545	ng	95
46) 1,1'-Biphenyl	13.865	154	190856	49.403	ng	97
47) 2-Chloronaphthalene	13.918	162	144616	50.613	ng	98
48) 2-Nitroaniline	14.106	65	51964	50.861	ng	98
49) Acenaphthylene	14.758	152	229001	48.780	ng	100
50) Dimethylphthalate	14.465	163	202973	48.812	ng	100
51) 2,6-Dinitrotoluene	14.588	165	43863	48.821	ng	97
52) Acenaphthene	15.093	154	183340	56.626	ng	97
53) 3-Nitroaniline	14.917	138	25350	28.506	ng	90
54) 2,4-Dinitrophenol	15.128	184	58986	116.642	ng	95
55) Dibenzofuran	15.422	168	235035	48.367	ng	96
56) 4-Nitrophenol	15.211	139	73840	112.287	ng	95
57) 2,4-Dinitrotoluene	15.375	165	64256	50.709	ng	# 95
58) Fluorene	16.068	166	195874	48.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.640	232	66694	52.945	ng	99
60) Diethylphthalate	15.810	149	207031	49.664	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	114468	48.484	ng	97
62) 4-Nitroaniline	16.080	138	43789	47.526	ng	94
63) Azobenzene	16.344	77	203377	48.954	ng	99
65) 4,6-Dinitro-2-methylph...	16.133	198	42334	52.244	ng	97
66) n-Nitrosodiphenylamine	16.262	169	175857	48.963	ng	96
67) 4-Bromophenyl-phenylether	16.944	248	77754	46.968	ng	97
68) Hexachlorobenzene	17.073	284	82347	50.313	ng	100
69) Atrazine	17.196	200	79583	53.380	ng	98
70) Pentachlorophenol	17.414	266	106820	90.974	ng	94
71) Phenanthrene	17.813	178	335748	49.220	ng	100
72) Anthracene	17.901	178	341889	48.891	ng	99
73) Carbazole	18.166	167	304278	49.907	ng	96
74) Di-n-butylphthalate	18.688	149	350126	49.592	ng	99
75) Fluoranthene	19.799	202	421181	48.707	ng	99
77) Benzidine	19.963	184	155063	44.863	ng	99
78) Pyrene	20.157	202	428378	48.980	ng	97
80) Butylbenzylphthalate	21.020	149	154398	51.301	ng	92
81) Benzo(a)anthracene	22.072	228	433353	49.524	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	97468	32.986	ng	97
83) Chrysene	22.142	228	395335	48.252	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	220621	50.623	ng	98
85) Di-n-octyl phthalate	23.247	149	377920	51.458	ng	100
87) Indeno(1,2,3-cd)pyrene	29.744	276	523893	51.600	ng	# 93
88) Benzo(b)fluoranthene	24.504	252	453391	52.777	ng	99
89) Benzo(k)fluoranthene	24.580	252	449567	52.420	ng	99
90) Benzo(a)pyrene	25.473	252	399551	47.331	ng	99
91) Dibenzo(a,h)anthracene	29.803	278	432317	51.802	ng	98
92) Benzo(g,h,i)perylene	31.036	276	418709	51.238	ng	98

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

