

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058524.D
 Acq On : 28 Jul 2023 19:00
 Operator : MA/JU
 Sample : PB154164BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 22:54:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	46390	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	189246	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	129046	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	325263	20.000	ng	0.00
76) Chrysene-d12	21.449	240	286149	20.000	ng	0.00
86) Perylene-d12	24.516	264	364427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	461877	152.179	ng	0.00
7) Phenol-d6	6.989	99	608080	143.983	ng	0.00
23) Nitrobenzene-d5	8.981	82	365913	94.985	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	305160	144.273	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	801498	93.077	ng	0.00
79) Terphenyl-d14	19.827	244	1485919	97.652	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	60287	40.992	ng	99
3) Pyridine	3.658	79	148363	37.001	ng	96
4) n-Nitrosodimethylamine	3.582	42	80503	47.385	ng	99
6) Aniline	7.142	93	231186	44.462	ng	99
8) 2-Chlorophenol	7.377	128	163847	55.029	ng	99
9) Benzaldehyde	6.948	77	105266	45.877	ng	98
10) Phenol	7.013	94	220468	53.441	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	156827	48.219	ng	97
12) 1,3-Dichlorobenzene	7.700	146	165202	51.960	ng	98
13) 1,4-Dichlorobenzene	7.847	146	167653	52.516	ng	97
14) 1,2-Dichlorobenzene	8.165	146	161961	53.064	ng	99
15) Benzyl Alcohol	8.059	79	146146	54.567	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.347	45	263433	49.863	ng	100
17) 2-Methylphenol	8.264	107	148740	49.309	ng	99
18) Hexachloroethane	8.887	117	60368	52.026	ng	88
19) n-Nitroso-di-n-propyla...	8.623	70	129901	47.619	ng	98
20) 3+4-Methylphenols	8.593	107	206696	50.658	ng	99
22) Acetophenone	8.640	105	253100	49.948	ng	# 97
24) Nitrobenzene	9.022	77	191027	48.776	ng	98
25) Isophorone	9.539	82	372377	46.784	ng	100
26) 2-Nitrophenol	9.733	139	87357	51.242	ng	97
27) 2,4-Dimethylphenol	9.792	122	154334	54.578	ng	97
28) bis(2-Chloroethoxy)met...	10.027	93	213487	49.285	ng	99
29) 2,4-Dichlorophenol	10.268	162	155425	52.936	ng	99
30) 1,2,4-Trichlorobenzene	10.480	180	170787	50.439	ng	99
31) Naphthalene	10.668	128	488673	48.993	ng	99
32) Benzoic acid	9.957	122	101585	47.147	ng	96
33) 4-Chloroaniline	10.779	127	145388	34.500	ng	98
34) Hexachlorobutadiene	10.944	225	107121	49.125	ng	97
35) Caprolactam	11.561	113	56607m	52.210	ng	
36) 4-Chloro-3-methylphenol	11.913	107	187061	51.503	ng	99
37) 2-Methylnaphthalene	12.277	142	332942	46.664	ng	99
38) 1-Methylnaphthalene	12.501	142	313336	46.200	ng	98
40) 1,2,4,5-Tetrachloroben...	12.653	216	188048	47.465	ng	98
41) Hexachlorocyclopentadiene	12.630	237	226081	119.210	ng	99
43) 2,4,6-Trichlorophenol	12.894	196	139695	51.264	ng	96

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44) 2,4,5-Trichlorophenol	12.971	196	149845	46.686	ng	99
46) 1,1'-Biphenyl	13.294	154	436578	49.263	ng	99
47) 2-Chloronaphthalene	13.335	162	346335	50.121	ng	98
48) 2-Nitroaniline	13.547	65	133848	50.749	ng	93
49) Acenaphthylene	14.187	152	569111	49.194	ng	99
50) Dimethylphthalate	13.923	163	473226	48.828	ng	99
51) 2,6-Dinitrotoluene	14.046	165	106782	50.214	ng	97
52) Acenaphthene	14.528	154	330581	49.453	ng	98
53) 3-Nitroaniline	14.375	138	88920	41.794	ng	96
54) 2,4-Dinitrophenol	14.586	184	122639	100.218	ng	98
55) Dibenzofuran	14.863	168	552778	48.124	ng	99
56) 4-Nitrophenol	14.692	139	177387	111.166	ng	98
57) 2,4-Dinitrotoluene	14.833	165	155549	52.761	ng	97
58) Fluorene	15.509	166	448718	49.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	145893	53.268	ng	98
60) Diethylphthalate	15.280	149	484666	49.088	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	245907	48.338	ng	97
62) 4-Nitroaniline	15.544	138	110970	55.060	ng	97
63) Azobenzene	15.797	77	474824	48.825	ng	98
65) 4,6-Dinitro-2-methylph...	15.597	198	96661	53.896	ng	99
66) n-Nitrosodiphenylamine	15.720	169	406715	48.043	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	173870	47.130	ng	97
68) Hexachlorobenzene	16.514	284	196907	50.369	ng	100
69) Atrazine	16.666	200	173456	60.695	ng	98
70) Pentachlorophenol	16.860	266	232023	98.058	ng	99
71) Phenanthrene	17.248	178	750530	48.655	ng	100
72) Anthracene	17.342	178	771094	48.718	ng	99
73) Carbazole	17.612	167	724155	51.884	ng	100
74) Di-n-butylphthalate	18.165	149	880873	50.387	ng	100
75) Fluoranthene	19.263	202	921587	49.737	ng	100
77) Benzidine	19.445	184	448517	103.365	ng	98
78) Pyrene	19.628	202	937667	48.150	ng	100
80) Butylbenzylphthalate	20.515	149	387555	48.450	ng	99
81) Benzo(a)anthracene	21.431	228	949822	48.233	ng	100
82) 3,3'-Dichlorobenzidine	21.349	252	304658	45.757	ng	99
83) Chrysene	21.496	228	883827	46.810	ng	100
84) Bis(2-ethylhexyl)phtha...	21.331	149	565563	48.383	ng	99
85) Di-n-octyl phthalate	22.483	149	1005124	48.908	ng	100
87) Indeno(1,2,3-cd)pyrene	28.006	276	1227319	50.623	ng	# 92
88) Benzo(b)fluoranthene	23.547	252	1018403	51.524	ng	99
89) Benzo(k)fluoranthene	23.611	252	1006394	50.683	ng	100
90) Benzo(a)pyrene	24.375	252	905739	46.661	ng	100
91) Dibenzo(a,h)anthracene	28.065	278	1017054	50.735	ng	99
92) Benzo(g,h,i)perylene	29.111	276	996379	49.567	ng	99

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

