

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057556.D
 Acq On : 25 May 2023 13:31
 Operator : CG/JU
 Sample : PB152903BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152903BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 25 16:22:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 10:58:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	17221	20.000	ng	-0.01
21) Naphthalene-d8	11.198	136	72826	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	61138	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	156665	20.000	ng	0.00
76) Chrysene-d12	22.024	240	133719	20.000	ng	-0.01
86) Perylene-d12	25.531	264	147323	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	148363	147.373	ng	0.00
7) Phenol-d6	7.503	99	224310	146.729	ng	0.00
23) Nitrobenzene-d5	9.535	82	137494	79.240	ng	-0.01
42) 2,4,6-Tribromophenol	16.461	330	121765	140.366	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	366184	80.666	ng	0.00
79) Terphenyl-d14	20.285	244	726925	88.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.661	88	13794	33.139	ng	93
3) Pyridine	4.084	79	41625	31.117	ng	97
4) n-Nitrosodimethylamine	3.996	42	23186	36.883	ng	96
6) Aniline	7.667	93	62087	32.014	ng	96
8) 2-Chlorophenol	7.920	128	57764	54.301	ng	97
9) Benzaldehyde	7.485	77	23738	27.013	ng	99
10) Phenol	7.532	94	80087	53.741	ng	94
11) bis(2-Chloroethyl)ether	7.755	93	50296	44.758	ng	99
12) 1,3-Dichlorobenzene	8.243	146	56752	48.338	ng	96
13) 1,4-Dichlorobenzene	8.390	146	57829	49.036	ng	95
14) 1,2-Dichlorobenzene	8.719	146	56598	49.713	ng	92
15) Benzyl Alcohol	8.595	79	61782	48.512	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.877	45	62109	43.851	ng	99
17) 2-Methylphenol	8.801	107	54323	50.569	ng	98
18) Hexachloroethane	9.453	117	20626	48.464	ng	91
19) n-Nitroso-di-n-propyla...	9.159	70	47945	41.130	ng	# 99
20) 3+4-Methylphenols	9.130	107	75025	51.005	ng	96
22) Acetophenone	9.189	105	90500	43.418	ng	# 95
24) Nitrobenzene	9.582	77	72828	41.584	ng	94
25) Isophorone	10.099	82	135787	40.357	ng	98
26) 2-Nitrophenol	10.299	139	33104	49.382	ng	92
27) 2,4-Dimethylphenol	10.346	122	61679	52.545	ng	100
28) bis(2-Chloroethoxy)met...	10.569	93	73915	43.851	ng	98
29) 2,4-Dichlorophenol	10.845	162	66509	53.421	ng	94
30) 1,2,4-Trichlorobenzene	11.057	180	64284	44.767	ng	98
31) Naphthalene	11.245	128	175929	45.187	ng	98
32) Benzoic acid	10.504	122	29568	44.107	ng	99
33) 4-Chloroaniline	11.356	127	49254	28.170	ng	97
34) Hexachlorobutadiene	11.515	225	44019	41.312	ng	94
35) Caprolactam	12.126	113	22994m	54.068	ng	
36) 4-Chloro-3-methylphenol	12.455	107	74926	52.958	ng	98
37) 2-Methylnaphthalene	12.825	142	133836	43.721	ng	97
38) 1-Methylnaphthalene	13.042	142	127720	44.266	ng	99
40) 1,2,4,5-Tetrachloroben...	13.189	216	92916	42.809	ng	98
41) Hexachlorocyclopentadiene	13.160	237	62314	61.325	ng	100
43) 2,4,6-Trichlorophenol	13.424	196	60904	46.059	ng	99

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44) 2,4,5-Trichlorophenol	13.506	196	67335	43.290	ng	95
46) 1,1'-Biphenyl	13.812	154	198662	43.790	ng	98
47) 2-Chloronaphthalene	13.865	162	150917	44.735	ng	99
48) 2-Nitroaniline	14.064	65	51621	45.002	ng	94
49) Acenaphthylene	14.705	152	246145	44.911	ng	100
50) Dimethylphthalate	14.411	163	215223	42.839	ng	99
51) 2,6-Dinitrotoluene	14.546	165	47656	46.458	ng	86
52) Acenaphthene	15.039	154	152593	44.555	ng	99
53) 3-Nitroaniline	14.881	138	31354	30.510	ng #	88
54) 2,4-Dinitrophenol	15.098	184	54267	85.092	ng	94
55) Dibenzofuran	15.368	168	255932	44.476	ng	100
56) 4-Nitrophenol	15.192	139	65905	96.425	ng	86
57) 2,4-Dinitrotoluene	15.333	165	70183	47.873	ng	95
58) Fluorene	16.015	166	213224	44.985	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	63746	45.204	ng	97
60) Diethylphthalate	15.756	149	220646	43.246	ng	99
61) 4-Chlorophenyl-phenyle...	15.991	204	121582	42.580	ng	95
62) 4-Nitroaniline	16.044	138	46584	44.934	ng	91
63) Azobenzene	16.285	77	203577	41.354	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	44221	47.278	ng	97
66) n-Nitrosodiphenylamine	16.208	169	190946	44.875	ng	98
67) 4-Bromophenyl-phenylether	16.890	248	83009	43.404	ng	99
68) Hexachlorobenzene	17.025	284	88468	47.602	ng	97
69) Atrazine	17.142	200	84449	52.028	ng	98
70) Pentachlorophenol	17.372	266	78474	73.266	ng	97
71) Phenanthrene	17.759	178	361487	45.029	ng	99
72) Anthracene	17.847	178	366718	44.520	ng	99
73) Carbazole	18.118	167	323248	46.614	ng	99
74) Di-n-butylphthalate	18.629	149	368538	46.190	ng	98
75) Fluoranthene	19.751	202	435447	43.612	ng	99
77) Benzidine	19.915	184	161977	54.182	ng	99
78) Pyrene	20.109	202	439745	45.256	ng	99
80) Butylbenzylphthalate	20.955	149	155985	50.594	ng	97
81) Benzo(a)anthracene	22.006	228	425085	44.619	ng	100
82) 3,3'-Dichlorobenzidine	21.901	252	106479	34.893	ng	99
83) Chrysene	22.077	228	389487	43.451	ng	100
84) Bis(2-ethylhexyl)phtha...	21.842	149	215664	47.278	ng	98
85) Di-n-octyl phthalate	23.134	149	368881	48.506	ng	97
87) Indeno(1,2,3-cd)pyrene	29.596	276	471914	43.952	ng #	95
88) Benzo(b)fluoranthene	24.409	252	424736	44.104	ng	99
89) Benzo(k)fluoranthene	24.480	252	418732	42.788	ng	98
90) Benzo(a)pyrene	25.367	252	371196	39.453	ng	98
91) Dibenzo(a,h)anthracene	29.649	278	394605	44.130	ng #	98
92) Benzo(g,h,i)perylene	30.877	276	384219	44.006	ng	95

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

