

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057769.D
 Acq On : 20 Jun 2023 9:59
 Operator : CG/JU
 Sample : PB153526BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153526BS

Quant Time: Jun 20 12:07:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	31808	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	151491	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	110756	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	270504	20.000	ng	0.00
76) Chrysene-d12	21.562	240	225184	20.000	ng	0.00
86) Perylene-d12	24.712	264	280627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	295063	143.033	ng	0.00
7) Phenol-d6	7.091	99	420865	133.707	ng	0.00
23) Nitrobenzene-d5	9.089	82	234715	79.519	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	184411	119.528	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	556176	76.165	ng	0.00
79) Terphenyl-d14	19.923	244	1013976	83.964	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.401	88	39311	41.863	ng	100
3) Pyridine	3.795	79	92799	32.447	ng	99
4) n-Nitrosodimethylamine	3.713	42	56094	42.924	ng	96
6) Aniline	7.250	93	118809	29.479	ng	98
8) 2-Chlorophenol	7.491	128	108497	51.124	ng	100
9) Benzaldehyde	7.062	77	29483m	14.896	ng	
10) Phenol	7.115	94	158667	51.196	ng	99
11) bis(2-Chloroethyl)ether	7.350	93	105792	44.398	ng	95
12) 1,3-Dichlorobenzene	7.820	146	98909	45.796	ng	95
13) 1,4-Dichlorobenzene	7.961	146	100982	46.145	ng	96
14) 1,2-Dichlorobenzene	8.284	146	100274	47.355	ng	98
15) Benzyl Alcohol	8.166	79	109870	45.649	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.454	45	200361	43.772	ng	99
17) 2-Methylphenol	8.366	107	107095	46.983	ng	98
18) Hexachloroethane	9.012	117	35757	46.339	ng	94
19) n-Nitroso-di-n-propyla...	8.736	70	91249	41.581	ng	98
20) 3+4-Methylphenols	8.695	107	146827	46.632	ng	98
22) Acetophenone	8.748	105	175465	41.304	ng	99
24) Nitrobenzene	9.130	77	128315	41.769	ng	100
25) Isophorone	9.653	82	260804	38.674	ng	99
26) 2-Nitrophenol	9.841	139	49069	50.207	ng	95
27) 2,4-Dimethylphenol	9.900	122	113175	46.772	ng	100
28) bis(2-Chloroethoxy)met...	10.141	93	151959	41.843	ng	99
29) 2,4-Dichlorophenol	10.376	162	108693	47.303	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	108537	42.377	ng	99
31) Naphthalene	10.781	128	329430	40.858	ng	99
32) Benzoic acid	10.029	122	82142	46.108	ng	99
33) 4-Chloroaniline	10.887	127	63952	17.118	ng	98
34) Hexachlorobutadiene	11.069	225	64699	41.405	ng	97
35) Caprolactam	11.662	113	41470m	44.476	ng	
36) 4-Chloro-3-methylphenol	12.009	107	139499	46.485	ng	99
37) 2-Methylnaphthalene	12.391	142	233372	39.710	ng	97
38) 1-Methylnaphthalene	12.608	142	222737	40.149	ng	99
40) 1,2,4,5-Tetrachloroben...	12.755	216	125828	40.980	ng	98
41) Hexachlorocyclopentadiene	12.738	237	160498	98.458	ng	97
43) 2,4,6-Trichlorophenol	12.996	196	96897	44.073	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	107993	42.140	ng	97
46) 1,1'-Biphenyl	13.401	154	314090	41.301	ng	97
47) 2-Chloronaphthalene	13.443	162	245009	41.936	ng	98
48) 2-Nitroaniline	13.642	65	94506	45.519	ng	98
49) Acenaphthylene	14.283	152	405996	40.486	ng	98
50) Dimethylphthalate	14.018	163	345255	40.586	ng	98
51) 2,6-Dinitrotoluene	14.136	165	71580	45.695	ng	99
52) Acenaphthene	14.629	154	282844m	45.560	ng	
53) 3-Nitroaniline	14.465	138	44236	25.058	ng	# 99
54) 2,4-Dinitrophenol	14.671	184	73697	87.836	ng	96
55) Dibenzofuran	14.964	168	399622	40.033	ng	99
56) 4-Nitrophenol	14.770	139	134394	95.794	ng	98
57) 2,4-Dinitrotoluene	14.923	165	101779	47.912	ng	97
58) Fluorene	15.611	166	319612	40.448	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	98635	45.162	ng	99
60) Diethylphthalate	15.387	149	359576	41.202	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	170223	40.515	ng	97
62) 4-Nitroaniline	15.628	138	77397	43.005	ng	96
63) Azobenzene	15.899	77	357363	40.031	ng	99
65) 4,6-Dinitro-2-methylph...	15.681	198	53464	43.575	ng	97
66) n-Nitrosodiphenylamine	15.816	169	292026	40.903	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	115127	40.131	ng	95
68) Hexachlorobenzene	16.609	284	125255	42.829	ng	96
69) Atrazine	16.762	200	112770	46.014	ng	97
70) Pentachlorophenol	16.950	266	172046	79.630	ng	99
71) Phenanthrene	17.350	178	537268	41.021	ng	100
72) Anthracene	17.438	178	553929	41.418	ng	99
73) Carbazole	17.708	167	524169	42.507	ng	100
74) Di-n-butylphthalate	18.272	149	631208	43.231	ng	99
75) Fluoranthene	19.359	202	647279	41.485	ng	100
77) Benzidine	19.541	184	152912m	28.969	ng	
78) Pyrene	19.718	202	664485	41.366	ng	100
80) Butylbenzylphthalate	20.611	149	273354	44.734	ng	98
81) Benzo(a)anthracene	21.539	228	664747	43.026	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	202508	38.538	ng	100
83) Chrysene	21.604	228	616480	41.578	ng	99
84) Bis(2-ethylhexyl)phtha...	21.457	149	384826	43.375	ng	99
85) Di-n-octyl phthalate	22.649	149	694302	44.617	ng	99
87) Indeno(1,2,3-cd)pyrene	28.308	276	823181	44.865	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	707179	45.986	ng	100
89) Benzo(k)fluoranthene	23.783	252	676302	43.181	ng	99
90) Benzo(a)pyrene	24.565	252	619607	41.026	ng	99
91) Dibenzo(a,h)anthracene	28.372	278	689248	45.276	ng	99
92) Benzo(g,h,i)perylene	29.430	276	672959	44.149	ng	99

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

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