

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040336.D
 Acq On : 21 Jun 2023 15:42
 Operator : MA/JU
 Sample : PB153484BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153484BSD

Quant Time: Jun 22 04:36:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 15:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	301954	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1240580	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	595991	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	946385	20.000	ng	0.00
76) Chrysene-d12	21.521	240	645643	20.000	ng	0.00
86) Perylene-d12	23.939	264	596949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2220384	114.011	ng	0.00
7) Phenol-d6	7.128	99	2735190	103.014	ng	0.00
23) Nitrobenzene-d5	9.134	82	2420452	102.164	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	591709	71.169	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	4451612	102.524	ng	0.00
79) Terphenyl-d14	19.962	244	4256113	128.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	331058	42.563	ng	96
3) Pyridine	3.787	79	912136	41.007	ng	99
4) n-Nitrosodimethylamine	3.693	42	532624	53.411	ng	95
6) Aniline	7.287	93	1254881	38.506	ng	99
8) 2-Chlorophenol	7.528	128	1093265	52.753	ng	99
9) Benzaldehyde	7.099	77	470195	31.881	ng	99
10) Phenol	7.157	94	1441518	55.494	ng	97
11) bis(2-Chloroethyl)ether	7.387	93	1036464	48.116	ng	99
12) 1,3-Dichlorobenzene	7.851	146	1065735	49.809	ng	98
13) 1,4-Dichlorobenzene	7.998	146	1099662	50.763	ng	99
14) 1,2-Dichlorobenzene	8.316	146	1050067	49.576	ng	98
15) Benzyl Alcohol	8.210	79	953867	50.091	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1432492	48.180	ng	99
17) 2-Methylphenol	8.410	107	906269	47.562	ng	98
18) Hexachloroethane	9.045	117	409509	51.241	ng	97
19) n-Nitroso-di-n-propyla...	8.781	70	796514	44.661	ng	99
20) 3+4-Methylphenols	8.740	107	1215748	46.644	ng	98
22) Acetophenone	8.793	105	1570802	48.644	ng	98
24) Nitrobenzene	9.175	77	1196674	49.213	ng	98
25) Isophorone	9.704	82	2031417	44.130	ng	99
26) 2-Nitrophenol	9.887	139	522488	50.280	ng	95
27) 2,4-Dimethylphenol	9.951	122	949305	49.127	ng	99
28) bis(2-Chloroethoxy)met...	10.187	93	1273341	44.008	ng	99
29) 2,4-Dichlorophenol	10.422	162	864991	47.251	ng	98
30) 1,2,4-Trichlorobenzene	10.634	180	868338	46.546	ng	98
31) Naphthalene	10.828	128	3084098	46.273	ng	100
32) Benzoic acid	10.098	122	627426	41.963	ng	96
33) 4-Chloroaniline	10.939	127	383012	12.847	ng	98
34) Hexachlorobutadiene	11.104	225	458768	43.744	ng	99
35) Caprolactam	11.734	113	249479	39.106	ng	92
36) 4-Chloro-3-methylphenol	12.063	107	929318	43.764	ng	98
37) 2-Methylnaphthalene	12.434	142	1939966	41.054	ng	99
38) 1-Methylnaphthalene	12.651	142	1812738	40.617	ng	98
40) 1,2,4,5-Tetrachloroben...	12.798	216	851699	51.393	ng	# 98
41) Hexachlorocyclopentadiene	12.775	237	1149702	126.114	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	572772	49.839	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	603808	44.105	ng	96
46) 1,1'-Biphenyl	13.439	154	2368453	50.347	ng	100
47) 2-Chloronaphthalene	13.480	162	1765716	50.685	ng	99
48) 2-Nitroaniline	13.686	65	581526	50.636	ng	94
49) Acenaphthylene	14.327	152	2746375	47.261	ng	100
50) Dimethylphthalate	14.063	163	1920004	40.485	ng	100
51) 2,6-Dinitrotoluene	14.180	165	406435	42.119	ng	88
52) Acenaphthene	14.669	154	1644985	46.399	ng	100
53) 3-Nitroaniline	14.510	138	291588	25.435	ng	95
54) 2,4-Dinitrophenol	14.716	184	484638	78.710	ng	95
55) Dibenzofuran	14.998	168	2470585	44.053	ng	99
56) 4-Nitrophenol	14.822	139	807905	90.161	ng	94
57) 2,4-Dinitrotoluene	14.969	165	527094	40.533	ng	95
58) Fluorene	15.645	166	2009950	44.019	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	455186	40.876	ng	95
60) Diethylphthalate	15.422	149	1833992	37.635	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	920184	40.975	ng	97
62) 4-Nitroaniline	15.674	138	450880	38.275	ng	96
63) Azobenzene	15.933	77	2128304	43.491	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	279934	49.336	ng	86
66) n-Nitrosodiphenylamine	15.857	169	1581627	52.960	ng	98
67) 4-Bromophenyl-phenylether	16.533	248	470832	47.523	ng	98
68) Hexachlorobenzene	16.651	284	529805	48.410	ng	95
69) Atrazine	16.804	200	445067	49.796	ng	99
70) Pentachlorophenol	16.992	266	699079	89.096	ng	98
71) Phenanthrene	17.386	178	2607237	49.509	ng	100
72) Anthracene	17.480	178	2617439	49.220	ng	100
73) Carbazole	17.751	167	2386191	47.692	ng	100
74) Di-n-butylphthalate	18.310	149	2585266	41.660	ng	99
75) Fluoranthene	19.398	202	2407847	41.253	ng	99
77) Benzidine	19.580	184	756019	63.053	ng	99
78) Pyrene	19.762	202	2516182	56.814	ng	99
80) Butylbenzylphthalate	20.651	149	946482	46.660	ng	88
81) Benzo(a)anthracene	21.503	228	2070111	47.062	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	442569	29.378	ng	99
83) Chrysene	21.556	228	1917981	46.079	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1275531	41.551	ng	97
85) Di-n-octyl phthalate	22.356	149	2031127	39.612	ng	97
87) Indeno(1,2,3-cd)pyrene	26.462	276	2478576	62.682	ng	98
88) Benzo(b)fluoranthene	23.203	252	1916560	53.638	ng	99
89) Benzo(k)fluoranthene	23.250	252	1908335	51.932	ng	98
90) Benzo(a)pyrene	23.833	252	1653121	48.771	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	2047148	60.878	ng	98
92) Benzo(g,h,i)perylene	27.233	276	1972964	65.553	ng	98

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

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