

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040333.D
 Acq On : 21 Jun 2023 13:52
 Operator : MA/JU
 Sample : PB153189BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153189BSD

Quant Time: Jun 22 04:34:10 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	241712	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	972565	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	466777	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	796769	20.000	ng	0.00
76) Chrysene-d12	21.521	240	593466	20.000	ng	0.00
86) Perylene-d12	23.944	264	584158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1741551	111.712	ng	0.00
7) Phenol-d6	7.128	99	2185771	102.838	ng	0.00
23) Nitrobenzene-d5	9.134	82	1936162	104.244	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	483709	74.285	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3578679	105.236	ng	0.00
79) Terphenyl-d14	19.962	244	3733804	122.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	272151	43.710	ng	97
3) Pyridine	3.787	79	748665	42.047	ng	99
4) n-Nitrosodimethylamine	3.693	42	440941	55.237	ng	95
6) Aniline	7.287	93	995490	38.160	ng	99
8) 2-Chlorophenol	7.522	128	896542	54.043	ng	98
9) Benzaldehyde	7.098	77	452245	38.306	ng	97
10) Phenol	7.157	94	1189658	57.212	ng	97
11) bis(2-Chloroethyl)ether	7.387	93	848775	49.223	ng	99
12) 1,3-Dichlorobenzene	7.851	146	880185	51.390	ng	98
13) 1,4-Dichlorobenzene	7.998	146	903443	52.100	ng	99
14) 1,2-Dichlorobenzene	8.316	146	865573	51.051	ng	99
15) Benzyl Alcohol	8.210	79	796580	52.257	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1155698	48.558	ng	99
17) 2-Methylphenol	8.410	107	747958	49.037	ng	98
18) Hexachloroethane	9.045	117	338180	52.863	ng	97
19) n-Nitroso-di-n-propyla...	8.775	70	653855	45.799	ng	97
20) 3+4-Methylphenols	8.740	107	1016620	48.725	ng	98
22) Acetophenone	8.792	105	1308351	51.681	ng	99
24) Nitrobenzene	9.175	77	992977	52.090	ng	97
25) Isophorone	9.704	82	1688001	46.775	ng	99
26) 2-Nitrophenol	9.886	139	432986	53.149	ng	94
27) 2,4-Dimethylphenol	9.951	122	792274	52.300	ng	99
28) bis(2-Chloroethoxy)met...	10.186	93	1049617	46.273	ng	100
29) 2,4-Dichlorophenol	10.422	162	717293	49.980	ng	98
30) 1,2,4-Trichlorobenzene	10.639	180	707636	48.385	ng	99
31) Naphthalene	10.828	128	2556092	48.919	ng	100
32) Benzoic acid	10.092	122	534601	45.098	ng	98
33) 4-Chloroaniline	10.939	127	255668	10.939	ng	97
34) Hexachlorobutadiene	11.110	225	373583	45.438	ng	99
35) Caprolactam	11.733	113	222827	44.554	ng	92
36) 4-Chloro-3-methylphenol	12.063	107	792520	47.607	ng	97
37) 2-Methylnaphthalene	12.433	142	1617637	43.667	ng	98
38) 1-Methylnaphthalene	12.651	142	1512055	43.216	ng	99
40) 1,2,4,5-Tetrachloroben...	12.798	216	706388	54.424	ng	98
41) Hexachlorocyclopentadiene	12.775	237	925504	129.624	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	477621	53.065	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	514546	47.989	ng	95
46) 1,1'-Biphenyl	13.439	154	1990833	54.035	ng	100
47) 2-Chloronaphthalene	13.480	162	1485578	54.448	ng	99
48) 2-Nitroaniline	13.686	65	506659	56.330	ng	93
49) Acenaphthylene	14.327	152	2342635	51.473	ng	99
50) Dimethylphthalate	14.063	163	1653338	44.512	ng	99
51) 2,6-Dinitrotoluene	14.180	165	351568	46.519	ng	90
52) Acenaphthene	14.669	154	1404570	50.585	ng	100
53) 3-Nitroaniline	14.510	138	240456	26.781	ng	95
54) 2,4-Dinitrophenol	14.716	184	429923	88.415	ng	95
55) Dibenzofuran	14.998	168	2112535	48.096	ng	99
56) 4-Nitrophenol	14.821	139	718524	102.383	ng	92
57) 2,4-Dinitrotoluene	14.969	165	461186	45.282	ng	93
58) Fluorene	15.645	166	1729114	48.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	399364	45.791	ng	96
60) Diethylphthalate	15.421	149	1605022	42.054	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	784549	44.606	ng	95
62) 4-Nitroaniline	15.674	138	407581	44.177	ng	96
63) Azobenzene	15.933	77	1839986	48.008	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	248902	52.104	ng	87
66) n-Nitrosodiphenylamine	15.857	169	1382305	54.977	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	403645	48.392	ng	96
68) Hexachlorobenzene	16.651	284	458440	49.755	ng	95
69) Atrazine	16.804	200	402185	53.448	ng	99
70) Pentachlorophenol	16.998	266	608965	92.185	ng	99
71) Phenanthrene	17.386	178	2322668	52.387	ng	100
72) Anthracene	17.480	178	2310782	51.614	ng	100
73) Carbazole	17.751	167	2168970	51.491	ng	99
74) Di-n-butylphthalate	18.309	149	2310794	44.229	ng	99
75) Fluoranthene	19.398	202	2205527	44.882	ng	99
77) Benzidine	19.586	184	747734	67.845	ng	100
78) Pyrene	19.762	202	2320590	57.004	ng	99
80) Butylbenzylphthalate	20.656	149	909639	48.787	ng	93
81) Benzo(a)anthracene	21.509	228	2009122	49.691	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	398514	28.780	ng	# 98
83) Chrysene	21.562	228	1851819	48.401	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1235031	43.769	ng	# 96
85) Di-n-octyl phthalate	22.362	149	2032963	43.133	ng	97
87) Indeno(1,2,3-cd)pyrene	26.468	276	2436199	62.960	ng	98
88) Benzo(b)fluoranthene	23.209	252	1954778	55.906	ng	99
89) Benzo(k)fluoranthene	23.256	252	1892123	52.618	ng	99
90) Benzo(a)pyrene	23.839	252	1659678	50.037	ng	98
91) Dibenzo(a,h)anthracene	26.480	278	2034106	61.814	ng	98
92) Benzo(g,h,i)perylene	27.238	276	1944761	66.031	ng	97

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

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