

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039159.D
 Acq On : 27 Mar 2023 13:31
 Operator : CG/JU
 Sample : PB151521BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151521BSD

Quant Time: Mar 28 01:48:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	290868	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1208861	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	657500	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1201805	20.000	ng	0.00
76) Chrysene-d12	21.515	240	851363	20.000	ng	0.00
86) Perylene-d12	23.939	264	847376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1967585	102.773	ng	0.00
7) Phenol-d6	7.116	99	2467038	99.208	ng	0.00
23) Nitrobenzene-d5	9.116	82	2253426	91.566	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	694970	91.369	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	4442178	87.952	ng	0.00
79) Terphenyl-d14	19.956	244	4858156	104.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	301111	35.353	ng	99
3) Pyridine	3.775	79	806876	34.159	ng	98
4) n-Nitrosodimethylamine	3.687	42	401242	41.743	ng	94
6) Aniline	7.269	93	1226054	37.550	ng	99
8) 2-Chlorophenol	7.510	128	1018907	49.990	ng	98
9) Benzaldehyde	7.081	77	665204	56.214	ng	98
10) Phenol	7.140	94	1317215	49.880	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	964768	44.935	ng	99
12) 1,3-Dichlorobenzene	7.834	146	1011594	46.702	ng	98
13) 1,4-Dichlorobenzene	7.981	146	1033613	46.919	ng	98
14) 1,2-Dichlorobenzene	8.298	146	1005056	47.363	ng	99
15) Benzyl Alcohol	8.193	79	873838	49.026	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.481	45	1237250	45.629	ng	100
17) 2-Methylphenol	8.398	107	851541	46.941	ng	99
18) Hexachloroethane	9.028	117	390929	48.097	ng	96
19) n-Nitroso-di-n-propyla...	8.763	70	742628	47.412	ng	98
20) 3+4-Methylphenols	8.728	107	1144912	47.267	ng	99
22) Acetophenone	8.775	105	1497280	44.146	ng	99
24) Nitrobenzene	9.157	77	1112121	42.995	ng	98
25) Isophorone	9.687	82	1979772	43.716	ng	100
26) 2-Nitrophenol	9.869	139	532679	46.724	ng	95
27) 2,4-Dimethylphenol	9.934	122	917629	46.503	ng	98
28) bis(2-Chloroethoxy)met...	10.169	93	1243547	42.736	ng	99
29) 2,4-Dichlorophenol	10.410	162	879212	46.996	ng	99
30) 1,2,4-Trichlorobenzene	10.622	180	900818	44.063	ng	98
31) Naphthalene	10.810	128	2911904	42.243	ng	99
32) Benzoic acid	10.087	122	702922	48.485	ng	98
33) 4-Chloroaniline	10.922	127	392836	13.373	ng	99
34) Hexachlorobutadiene	11.092	225	504326	43.018	ng	98
35) Caprolactam	11.722	113	270765	47.553	ng	94
36) 4-Chloro-3-methylphenol	12.051	107	905227	45.440	ng	99
37) 2-Methylnaphthalene	12.416	142	1896840	41.056	ng	99
38) 1-Methylnaphthalene	12.633	142	1787148	41.277	ng	100
40) 1,2,4,5-Tetrachloroben...	12.786	216	956395	44.744	ng	99
41) Hexachlorocyclopentadiene	12.763	237	1124923	95.878	ng	99
43) 2,4,6-Trichlorophenol	13.028	196	653737	47.230	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	697558	43.055	ng	97
46) 1,1'-Biphenyl	13.428	154	2453596	44.049	ng	99
47) 2-Chloronaphthalene	13.469	162	1891938	45.043	ng	99
48) 2-Nitroaniline	13.675	65	582258	43.514	ng	94
49) Acenaphthylene	14.310	152	2932544	43.832	ng	99
50) Dimethylphthalate	14.051	163	2124779	41.997	ng	100
51) 2,6-Dinitrotoluene	14.169	165	476636	42.762	ng	98
52) Acenaphthene	14.657	154	1736405	42.230	ng	100
53) 3-Nitroaniline	14.498	138	296439	23.502	ng	97
54) 2,4-Dinitrophenol	14.704	184	624032	95.927	ng	93
55) Dibenzofuran	14.986	168	2691229	41.827	ng	99
56) 4-Nitrophenol	14.810	139	901564	89.724	ng	99
57) 2,4-Dinitrotoluene	14.957	165	635443	43.363	ng	97
58) Fluorene	15.639	166	2120420	42.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.216	232	562560	45.023	ng	97
60) Diethylphthalate	15.410	149	2051944	41.682	ng	99
61) 4-Chlorophenyl-phenyle...	15.627	204	1024602	41.380	ng	99
62) 4-Nitroaniline	15.663	138	494745	37.556	ng	98
63) Azobenzene	15.921	77	2178509	41.823	ng	98
65) 4,6-Dinitro-2-methylph...	15.716	198	362782	46.153	ng	99
66) n-Nitrosodiphenylamine	15.845	169	1791673	44.222	ng	100
67) 4-Bromophenyl-phenylether	16.521	248	583820	44.976	ng	97
68) Hexachlorobenzene	16.639	284	676734	46.635	ng	98
69) Atrazine	16.798	200	546562	49.389	ng	98
70) Pentachlorophenol	16.986	266	872901	81.786	ng	99
71) Phenanthrene	17.380	178	3013573	42.725	ng	99
72) Anthracene	17.468	178	3079195	43.775	ng	100
73) Carbazole	17.739	167	2771574	43.173	ng	100
74) Di-n-butylphthalate	18.304	149	3132059	40.300	ng	99
75) Fluoranthene	19.392	202	2985897	40.093	ng	99
77) Benzidine	19.580	184	1425658	70.877	ng	98
78) Pyrene	19.757	202	3132200	48.983	ng	99
80) Butylbenzylphthalate	20.651	149	1241415	45.820	ng	97
81) Benzo(a)anthracene	21.498	228	2723310	44.418	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	751165	39.864	ng	99
83) Chrysene	21.556	228	2537944	42.561	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	1700725	43.507	ng	100
85) Di-n-octyl phthalate	22.356	149	2816251	43.551	ng	98
87) Indeno(1,2,3-cd)pyrene	26.462	276	2979057	46.202	ng	100
88) Benzo(b)fluoranthene	23.197	252	2547530	47.058	ng	100
89) Benzo(k)fluoranthene	23.250	252	2553218	45.319	ng	99
90) Benzo(a)pyrene	23.833	252	2256151	43.303	ng	99
91) Dibenzo(a,h)anthracene	26.480	278	2492550	45.646	ng	99
92) Benzo(g,h,i)perylene	27.238	276	2464971	46.140	ng	99

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

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