

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039212.D
 Acq On : 29 Mar 2023 19:41
 Operator : CG/JU
 Sample : PB151623BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151623BS

Quant Time: Mar 30 05:55:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	235551	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	891826	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	484854	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	927005	20.000	ng	0.00
76) Chrysene-d12	21.503	240	708661	20.000	ng	0.00
86) Perylene-d12	23.921	264	718930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1798558	115.037	ng	0.00
7) Phenol-d6	7.098	99	2260253	111.771	ng	0.00
23) Nitrobenzene-d5	9.098	82	1363154	74.289	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	663739	107.842	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2751970	76.903	ng	0.00
79) Terphenyl-d14	19.939	244	3212858	83.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	279292	43.704	ng	99
3) Pyridine	3.763	79	709556	39.634	ng	100
4) n-Nitrosodimethylamine	3.669	42	313901	44.645	ng	99
6) Aniline	7.251	93	984071	39.318	ng	100
8) 2-Chlorophenol	7.493	128	762985	47.680	ng	99
9) Benzaldehyde	7.063	77	480428	41.717	ng	99
10) Phenol	7.122	94	963323	47.535	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	755791	46.359	ng	99
12) 1,3-Dichlorobenzene	7.816	146	822777	48.483	ng	100
13) 1,4-Dichlorobenzene	7.963	146	833713	48.585	ng	99
14) 1,2-Dichlorobenzene	8.281	146	791761	48.254	ng	99
15) Benzyl Alcohol	8.175	79	638507	45.907	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	977630	46.882	ng	99
17) 2-Methylphenol	8.381	107	621991	43.869	ng	98
18) Hexachloroethane	9.010	117	323977	48.809	ng	99
19) n-Nitroso-di-n-propyla...	8.740	70	565888	43.776	ng	99
20) 3+4-Methylphenols	8.710	107	835148	43.835	ng	99
22) Acetophenone	8.757	105	1126700	47.251	ng	# 99
24) Nitrobenzene	9.140	77	830382	45.497	ng	99
25) Isophorone	9.669	82	1516274	44.294	ng	99
26) 2-Nitrophenol	9.851	139	403030	47.770	ng	97
27) 2,4-Dimethylphenol	9.916	122	682232	48.668	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	959601	46.308	ng	99
29) 2,4-Dichlorophenol	10.387	162	662569	48.443	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	702707	48.024	ng	97
31) Naphthalene	10.792	128	2218546	46.167	ng	100
32) Benzoic acid	10.069	122	487531	44.622	ng	100
33) 4-Chloroaniline	10.904	127	384197	18.249	ng	100
34) Hexachlorobutadiene	11.069	225	411834	47.866	ng	99
35) Caprolactam	11.698	113	200378	42.194	ng	96
36) 4-Chloro-3-methylphenol	12.033	107	686286	45.479	ng	99
37) 2-Methylnaphthalene	12.398	142	1461309	43.682	ng	99
38) 1-Methylnaphthalene	12.616	142	1352861	43.189	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	741133	50.205	ng	99
41) Hexachlorocyclopentadiene	12.739	237	1061748	131.654	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	493850	49.054	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	519288	43.999	ng	98
46) 1,1'-Biphenyl	13.410	154	1865300	48.718	ng	99
47) 2-Chloronaphthalene	13.451	162	1409897	48.633	ng	99
48) 2-Nitroaniline	13.657	65	435262	44.616	ng	98
49) Acenaphthylene	14.298	152	2190563	45.975	ng	99
50) Dimethylphthalate	14.033	163	1649880	44.154	ng	100
51) 2,6-Dinitrotoluene	14.157	165	361112	44.940	ng	100
52) Acenaphthene	14.639	154	1294133	45.998	ng	99
53) 3-Nitroaniline	14.480	138	234388	25.232	ng	96
54) 2,4-Dinitrophenol	14.692	184	470108	98.790	ng	98
55) Dibenzofuran	14.974	168	2035524	44.939	ng	100
56) 4-Nitrophenol	14.798	139	674853	94.211	ng	98
57) 2,4-Dinitrotoluene	14.939	165	490410	45.116	ng	96
58) Fluorene	15.621	166	1596030	44.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	430248	45.824	ng	100
60) Diethylphthalate	15.392	149	1625905	43.230	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	793812	44.657	ng	99
62) 4-Nitroaniline	15.645	138	384583	40.344	ng	99
63) Azobenzene	15.910	77	1691165	44.881	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	278508	45.668	ng	96
66) n-Nitrosodiphenylamine	15.827	169	1368151	46.836	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	466094	47.081	ng	99
68) Hexachlorobenzene	16.621	284	526400	49.039	ng	96
69) Atrazine	16.780	200	446919	48.305	ng	99
70) Pentachlorophenol	16.968	266	676939	87.898	ng	100
71) Phenanthrene	17.363	178	2320829	45.712	ng	99
72) Anthracene	17.451	178	2367610	45.734	ng	99
73) Carbazole	17.727	167	2177567	45.015	ng	99
74) Di-n-butylphthalate	18.286	149	2679755	44.782	ng	100
75) Fluoranthene	19.380	202	2482898	42.901	ng	99
77) Benzidine	19.562	184	1494222	79.939	ng	100
78) Pyrene	19.739	202	2589610	51.331	ng	100
80) Butylbenzylphthalate	20.639	149	1107723	47.928	ng	99
81) Benzo(a)anthracene	21.486	228	2300904	46.037	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	599009	35.978	ng	99
83) Chrysene	21.545	228	2163474	44.840	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1613187	47.260	ng	99
85) Di-n-octyl phthalate	22.345	149	2703193	43.955	ng	99
87) Indeno(1,2,3-cd)pyrene	26.433	276	2360319	44.559	ng	100
88) Benzo(b)fluoranthene	23.186	252	2247901	51.100	ng	99
89) Benzo(k)fluoranthene	23.233	252	2155940	48.115	ng	99
90) Benzo(a)pyrene	23.815	252	1906243	44.112	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	1988924	44.716	ng	99
92) Benzo(g,h,i)perylene	27.209	276	1908584	43.633	ng	100

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

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