

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039158.D
 Acq On : 27 Mar 2023 12:53
 Operator : CG/JU
 Sample : PB151521BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151521BS

Quant Time: Mar 28 01:48:01 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	7.945	152	284734	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1175859	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	632555	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1158139	20.000	ng	0.00
76) Chrysene-d12	21.515	240	838994	20.000	ng	0.00
86) Perylene-d12	23.933	264	849522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1919851	102.440	ng	0.00
7) Phenol-d6	7.116	99	2382441	97.870	ng	0.00
23) Nitrobenzene-d5	9.116	82	2184749	91.267	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	664893	90.861	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	4280762	88.098	ng	0.00
79) Terphenyl-d14	19.956	244	4761862	103.770	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	302222	36.248	ng	99
3) Pyridine	3.781	79	806769	34.890	ng	99
4) n-Nitrosodimethylamine	3.687	42	398602	42.362	ng	94
6) Aniline	7.269	93	1193953	37.355	ng	99
8) 2-Chlorophenol	7.510	128	989963	49.616	ng	98
9) Benzaldehyde	7.081	77	650709	56.174	ng	98
10) Phenol	7.140	94	1271269	49.177	ng	98
11) bis(2-Chloroethyl)ether	7.369	93	943645	44.898	ng	99
12) 1,3-Dichlorobenzene	7.834	146	998133	47.073	ng	98
13) 1,4-Dichlorobenzene	7.981	146	1018931	47.249	ng	100
14) 1,2-Dichlorobenzene	8.298	146	987546	47.541	ng	99
15) Benzyl Alcohol	8.192	79	845778	48.474	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1203526	45.341	ng	99
17) 2-Methylphenol	8.398	107	818613	46.098	ng	98
18) Hexachloroethane	9.028	117	386622	48.592	ng	95
19) n-Nitroso-di-n-propyla...	8.763	70	716562	46.734	ng	98
20) 3+4-Methylphenols	8.728	107	1101479	46.454	ng	100
22) Acetophenone	8.775	105	1458804	44.219	ng	99
24) Nitrobenzene	9.157	77	1078196	42.853	ng	99
25) Isophorone	9.686	82	1910223	43.364	ng	99
26) 2-Nitrophenol	9.869	139	518202	46.729	ng	97
27) 2,4-Dimethylphenol	9.933	122	880735	45.886	ng	99
28) bis(2-Chloroethoxy)met...	10.169	93	1198003	42.326	ng	100
29) 2,4-Dichlorophenol	10.410	162	855057	46.988	ng	99
30) 1,2,4-Trichlorobenzene	10.622	180	879951	44.250	ng	99
31) Naphthalene	10.810	128	2843455	42.408	ng	100
32) Benzoic acid	10.086	122	663622	47.228	ng	99
33) 4-Chloroaniline	10.922	127	382791	13.396	ng	99
34) Hexachlorobutadiene	11.092	225	494450	43.359	ng	99
35) Caprolactam	11.722	113	259309	46.819	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	867519	44.769	ng	99
37) 2-Methylnaphthalene	12.416	142	1821959	40.542	ng	100
38) 1-Methylnaphthalene	12.633	142	1705729	40.502	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	920982	44.786	ng	99
41) Hexachlorocyclopentadiene	12.763	237	1089412	96.513	ng	99
43) 2,4,6-Trichlorophenol	13.027	196	625630	46.982	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	667315	42.813	ng	97
46) 1,1'-Biphenyl	13.427	154	2353790	43.923	ng	98
47) 2-Chloronaphthalene	13.469	162	1811036	44.817	ng	99
48) 2-Nitroaniline	13.674	65	555869	43.197	ng	95
49) Acenaphthylene	14.310	152	2814696	43.729	ng	99
50) Dimethylphthalate	14.051	163	2011400	41.323	ng	99
51) 2,6-Dinitrotoluene	14.169	165	454059	42.358	ng	97
52) Acenaphthene	14.651	154	1650722	41.730	ng	99
53) 3-Nitroaniline	14.498	138	288736	23.774	ng	94
54) 2,4-Dinitrophenol	14.710	184	591568	94.599	ng	89
55) Dibenzofuran	14.986	168	2580098	41.681	ng	100
56) 4-Nitrophenol	14.810	139	873715	90.382	ng	98
57) 2,4-Dinitrotoluene	14.957	165	607606	43.111	ng	96
58) Fluorene	15.639	166	2037267	42.015	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	535755	44.569	ng	98
60) Diethylphthalate	15.410	149	1951506	41.205	ng	99
61) 4-Chlorophenyl-phenylether	15.627	204	979990	41.139	ng	99
62) 4-Nitroaniline	15.663	138	477223	37.650	ng	98
63) Azobenzene	15.921	77	2073341	41.373	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	351485	46.374	ng	98
66) n-Nitrosodiphenylamine	15.845	169	1699490	43.528	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	560301	44.791	ng	98
68) Hexachlorobenzene	16.639	284	647763	46.322	ng	99
69) Atrazine	16.798	200	528242	49.533	ng	99
70) Pentachlorophenol	16.986	266	837933	81.469	ng	100
71) Phenanthrene	17.380	178	2902066	42.695	ng	99
72) Anthracene	17.468	178	2946212	43.464	ng	99
73) Carbazole	17.739	167	2693589	43.540	ng	99
74) Di-n-butylphthalate	18.304	149	3006253	40.147	ng	99
75) Fluoranthene	19.392	202	2901781	40.433	ng	99
77) Benzidine	19.580	184	1398382	70.569	ng	98
78) Pyrene	19.750	202	3054034	48.465	ng	100
80) Butylbenzylphthalate	20.650	149	1215500	45.546	ng	97
81) Benzo(a)anthracene	21.497	228	2725185	45.104	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	733135	39.481	ng	100
83) Chrysene	21.550	228	2526350	42.992	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	1657297	43.049	ng	100
85) Di-n-octyl phthalate	22.350	149	2787780	43.729	ng	98
87) Indeno(1,2,3-cd)pyrene	26.462	276	2965595	45.877	ng	100
88) Benzo(b)fluoranthene	23.197	252	2573712	47.422	ng	100
89) Benzo(k)fluoranthene	23.250	252	2539552	44.962	ng	99
90) Benzo(a)pyrene	23.827	252	2262996	43.325	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	2472603	45.166	ng	99
92) Benzo(g,h,i)perylene	27.238	276	2445726	45.664	ng	99

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

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