

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041934.D
 Acq On : 20 Sep 2023 12:24
 Operator : MA/JU
 Sample : PB155456BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155456BS

Quant Time: Sep 20 12:55:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	294381	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1245129	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	752499	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1529656	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1246759	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1178933	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2463766	139.399	ng	0.00
7) Phenol-d6	7.110	99	3224969	131.417	ng	0.00
23) Nitrobenzene-d5	9.157	82	1995664	81.606	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1176264	125.282	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4265798	83.205	ng	0.00
79) Terphenyl-d14	19.968	244	6164687	90.055	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.405	88	237617	32.961 ng	98
3) Pyridine	3.810	79	678395	30.293 ng	99
4) n-Nitrosodimethylamine	3.740	42	441635	41.488 ng	98
6) Aniline	7.298	93	1052991	32.388 ng	99
8) 2-Chlorophenol	7.516	128	923987	46.957 ng	99
9) Benzaldehyde	7.122	77	291811	21.034 ng	97
10) Phenol	7.140	94	1186462	47.102 ng	99
11) bis(2-Chloroethyl)ether	7.393	93	882363	41.994 ng	99
12) 1,3-Dichlorobenzene	7.840	146	904181	43.035 ng	100
13) 1,4-Dichlorobenzene	7.998	146	931734	43.643 ng	99
14) 1,2-Dichlorobenzene	8.310	146	902166	43.963 ng	99
15) Benzyl Alcohol	8.210	79	842319	43.477 ng	98
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1360709	42.344 ng	99
17) 2-Methylphenol	8.392	107	777866	42.468 ng	99
18) Hexachloroethane	9.028	117	343787	42.842 ng	98
19) n-Nitroso-di-n-propyla...	8.775	70	734884	40.285 ng	99
20) 3+4-Methylphenols	8.728	107	1058585	42.106 ng	100
22) Acetophenone	8.804	105	1329369	42.709 ng	# 100
24) Nitrobenzene	9.198	77	1043750	43.000 ng	100
25) Isophorone	9.710	82	1956014	40.525 ng	100
26) 2-Nitrophenol	9.898	139	483019	44.181 ng	98
27) 2,4-Dimethylphenol	9.934	122	849060	43.183 ng	98
28) bis(2-Chloroethoxy)met...	10.186	93	1206896	42.782 ng	99
29) 2,4-Dichlorophenol	10.416	162	883579	46.436 ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	871118	44.591 ng	99
31) Naphthalene	10.828	128	2659419	42.426 ng	100
32) Benzoic acid	10.081	122	642743	41.490 ng	99
33) 4-Chloroaniline	10.957	127	644368	22.967 ng	99
34) Hexachlorobutadiene	11.057	225	506585	42.455 ng	99
35) Caprolactam	11.792	113	273501	40.217 ng	98
36) 4-Chloro-3-methylphenol	12.051	107	929330	43.825 ng	99
37) 2-Methylnaphthalene	12.433	142	1838622	39.893 ng	100
38) 1-Methylnaphthalene	12.651	142	1763281	40.735 ng	99
40) 1,2,4,5-Tetrachloroben...	12.780	216	954565	43.741 ng	100
41) Hexachlorocyclopentadiene	12.733	237	1113456	90.740 ng	100
43) 2,4,6-Trichlorophenol	13.033	196	680815	45.841 ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	737989	42.459	ng	98
46) 1,1'-Biphenyl	13.439	154	2425038	43.678	ng	99
47) 2-Chloronaphthalene	13.492	162	1840539	45.520	ng	100
48) 2-Nitroaniline	13.722	65	632629	43.787	ng	99
49) Acenaphthylene	14.339	152	2994493	44.626	ng	99
50) Dimethylphthalate	14.069	163	2356025	42.351	ng	99
51) 2,6-Dinitrotoluene	14.210	165	507772	43.070	ng	99
52) Acenaphthene	14.674	154	1731754	42.909	ng	100
53) 3-Nitroaniline	14.545	138	420686	31.881	ng	97
54) 2,4-Dinitrophenol	14.751	184	613269	83.291	ng	99
55) Dibenzofuran	15.010	168	2764678	42.437	ng	100
56) 4-Nitrophenol	14.833	139	910512	87.003	ng	98
57) 2,4-Dinitrotoluene	14.992	165	682674	43.767	ng	99
58) Fluorene	15.657	166	2196133	42.759	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	633715	44.420	ng	99
60) Diethylphthalate	15.416	149	2298717	41.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	1131879	42.007	ng	99
62) 4-Nitroaniline	15.716	138	499275	39.347	ng	98
63) Azobenzene	15.939	77	2392742	42.650	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	382665	43.565	ng	98
66) n-Nitrosodiphenylamine	15.868	169	1957663	45.314	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	676565	42.921	ng	100
68) Hexachlorobenzene	16.627	284	779343	46.696	ng	96
69) Atrazine	16.815	200	679731	50.455	ng	99
70) Pentachlorophenol	16.986	266	916391	72.672	ng	99
71) Phenanthrene	17.404	178	3399940	44.567	ng	100
72) Anthracene	17.498	178	3440381	44.208	ng	100
73) Carbazole	17.780	167	3163354	44.330	ng	99
74) Di-n-butylphthalate	18.298	149	3955704	43.180	ng	100
75) Fluoranthene	19.415	202	3837961	42.852	ng	100
77) Benzidine	19.615	184	1222298	48.030	ng	100
78) Pyrene	19.780	202	3964020	45.694	ng	100
80) Butylbenzylphthalate	20.651	149	1702559	44.126	ng	100
81) Benzo(a)anthracene	21.521	228	3605239	44.337	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1157831	40.432	ng	99
83) Chrysene	21.574	228	3281595	43.056	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	2483545	43.389	ng	100
85) Di-n-octyl phthalate	22.327	149	4229913	43.901	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	3308511	47.002	ng	100
88) Benzo(b)fluoranthene	23.209	252	3326207	48.325	ng	100
89) Benzo(k)fluoranthene	23.256	252	3114470	45.790	ng	99
90) Benzo(a)pyrene	23.844	252	2772851	42.933	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	2796377	47.653	ng	99
92) Benzo(g,h,i)perylene	27.238	276	2648835	47.242	ng	98

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

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