

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060221.D
 Acq On : 3 Jan 2024 10:49
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 03 11:24:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	233236	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	973834	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	759571	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1746696	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1512567	20.000	ng	0.00
86) Perylene-d12	24.762	264	1707083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1147719	74.272	ng	0.00
7) Phenol-d6	7.100	99	1795573	78.259	ng	0.00
23) Nitrobenzene-d5	9.104	82	1937590	91.902	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	811552	79.817	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4437470	83.964	ng	0.00
79) Terphenyl-d14	19.944	244	5512842	70.069	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	236185	34.354	ng	98
3) Pyridine	3.804	79	727776	37.325	ng	100
4) n-Nitrosodimethylamine	3.722	42	267482	36.773	ng	99
6) Aniline	7.265	93	904367	39.341	ng	96
8) 2-Chlorophenol	7.500	128	569720	38.362	ng	95
9) Benzaldehyde	7.077	77	471292	34.165	ng	94
10) Phenol	7.130	94	888923	38.420	ng	94
11) bis(2-Chloroethyl)ether	7.359	93	716686	38.279	ng	97
12) 1,3-Dichlorobenzene	7.823	146	686495	37.446	ng	98
13) 1,4-Dichlorobenzene	7.970	146	695501	37.525	ng	99
14) 1,2-Dichlorobenzene	8.293	146	694697	38.340	ng	99
15) Benzyl Alcohol	8.176	79	605388	42.509	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.464	45	938708	39.066	ng	100
17) 2-Methylphenol	8.375	107	587643	40.562	ng	98
18) Hexachloroethane	9.022	117	232166	39.773	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	652936	41.657	ng	95
20) 3+4-Methylphenols	8.704	107	819120	39.893	ng	97
22) Acetophenone	8.757	105	1134751	39.329	ng	99
24) Nitrobenzene	9.145	77	883496	40.957	ng	98
25) Isophorone	9.662	82	1767083	40.060	ng	99
26) 2-Nitrophenol	9.850	139	345413	45.888	ng	94
27) 2,4-Dimethylphenol	9.909	122	435167	40.813	ng	98
28) bis(2-Chloroethoxy)met...	10.150	93	1033174	39.991	ng	99
29) 2,4-Dichlorophenol	10.385	162	694940	41.240	ng	94
30) 1,2,4-Trichlorobenzene	10.602	180	804683	39.233	ng	98
31) Naphthalene	10.790	128	2038661	39.653	ng	99
32) Benzoic acid	10.050	122	410898	44.166	ng	90
33) 4-Chloroaniline	10.902	127	834279	41.551	ng	99
34) Hexachlorobutadiene	11.072	225	469810	38.514	ng	97
35) Caprolactam	11.672	113	235476	42.008	ng	90
36) 4-Chloro-3-methylphenol	12.024	107	728589	42.012	ng	99
37) 2-Methylnaphthalene	12.400	142	1518223	40.883	ng	99
38) 1-Methylnaphthalene	12.618	142	1526032	40.645	ng	97
40) 1,2,4,5-Tetrachloroben...	12.764	216	935245	38.439	ng	99
41) Hexachlorocyclopentadiene	12.747	237	297988	37.891	ng	99
43) 2,4,6-Trichlorophenol	13.005	196	649722	40.637	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	731745	40.911	ng	99
46) 1,1'-Biphenyl	13.411	154	2192197	39.227	ng	99
47) 2-Chloronaphthalene	13.452	162	1880794	39.502	ng	99
48) 2-Nitroaniline	13.657	65	539651	43.370	ng	98
49) Acenaphthylene	14.298	152	2723048	39.694	ng	99
50) Dimethylphthalate	14.028	163	2257036	38.487	ng	100
51) 2,6-Dinitrotoluene	14.151	165	511852	41.962	ng	95
52) Acenaphthene	14.639	154	1680623	39.259	ng	99
53) 3-Nitroaniline	14.480	138	471582	41.030	ng	# 94
54) 2,4-Dinitrophenol	14.686	184	254877	40.424	ng	98
55) Dibenzofuran	14.974	168	2799755	39.044	ng	98
56) 4-Nitrophenol	14.791	139	375689	43.243	ng	95
57) 2,4-Dinitrotoluene	14.938	165	709682	42.787	ng	97
58) Fluorene	15.626	166	2274409	38.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	628423	40.310	ng	99
60) Diethylphthalate	15.397	149	2216144	39.627	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	1175609	38.389	ng	98
62) 4-Nitroaniline	15.649	138	493259	40.718	ng	98
63) Azobenzene	15.908	77	2285906	39.425	ng	100
65) 4,6-Dinitro-2-methylph...	15.696	198	400245	45.795	ng	92
66) n-Nitrosodiphenylamine	15.831	169	1927165	40.944	ng	98
67) 4-Bromophenyl-phenylether	16.513	248	752128	40.614	ng	98
68) Hexachlorobenzene	16.625	284	859691	39.594	ng	96
69) Atrazine	16.777	200	682970	39.480	ng	98
70) Pentachlorophenol	16.971	266	528344	44.295	ng	93
71) Phenanthrene	17.365	178	3457208	40.043	ng	99
72) Anthracene	17.459	178	3449125	40.219	ng	97
73) Carbazole	17.729	167	3228836	39.696	ng	97
74) Di-n-butylphthalate	18.287	149	3392822	43.043	ng	98
75) Fluoranthene	19.380	202	3855975	38.075	ng	97
77) Benzidine	19.562	184	1602371	38.277	ng	99
78) Pyrene	19.744	202	3979836	39.142	ng	98
80) Butylbenzylphthalate	20.632	149	1519770	50.692	ng	98
81) Benzo(a)anthracene	21.572	228	3861371	40.152	ng	98
82) 3,3'-Dichlorobenzidine	21.489	252	1469613	42.023	ng	98
83) Chrysene	21.636	228	3693751	39.534	ng	98
84) Bis(2-ethylhexyl)phtha...	21.478	149	2297839	50.541	ng	100
85) Di-n-octyl phthalate	22.676	149	3803202	51.103	ng	100
87) Indeno(1,2,3-cd)pyrene	28.387	276	4816452	40.019	ng	99
88) Benzo(b)fluoranthene	23.757	252	4139748	40.354	ng	99
89) Benzo(k)fluoranthene	23.828	252	4082828	39.542	ng	99
90) Benzo(a)pyrene	24.621	252	3708791	39.960	ng	98
91) Dibenzo(a,h)anthracene	28.452	278	3959072	40.036	ng	99
92) Benzo(g,h,i)perylene	29.521	276	3935346	39.289	ng	98

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

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