

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057495.D
 Acq On : 22 May 2023 15:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 22 16:28:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	20073	20.000	ng	0.00
21) Naphthalene-d8	11.203	136	82042	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	65639	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	161427	20.000	ng	0.00
76) Chrysene-d12	22.030	240	132098	20.000	ng	0.01
86) Perylene-d12	25.531	264	140697	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	90328	76.977	ng	0.00
7) Phenol-d6	7.502	99	142368	79.896	ng	0.00
23) Nitrobenzene-d5	9.541	82	147538	75.477	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	82319	88.387	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	391412	80.311	ng	0.00
79) Terphenyl-d14	20.285	244	663681	81.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.678	88	16811	34.648	ng	96
3) Pyridine	4.101	79	53136	34.078	ng	99
4) n-Nitrosodimethylamine	4.007	42	24383	33.276	ng	# 91
6) Aniline	7.673	93	87436	38.680	ng	98
8) 2-Chlorophenol	7.925	128	50723	40.908	ng	98
9) Benzaldehyde	7.491	77	34830	36.193	ng	98
10) Phenol	7.532	94	68204	39.264	ng	98
11) bis(2-Chloroethyl)ether	7.761	93	51753	39.511	ng	96
12) 1,3-Dichlorobenzene	8.254	146	54271	39.657	ng	95
13) 1,4-Dichlorobenzene	8.401	146	55500	40.374	ng	95
14) 1,2-Dichlorobenzene	8.724	146	53391	40.233	ng	97
15) Benzyl Alcohol	8.601	79	58758	39.582	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.883	45	61885	37.485	ng	99
17) 2-Methylphenol	8.801	107	51444	41.084	ng	98
18) Hexachloroethane	9.459	117	19836	39.986	ng	96
19) n-Nitroso-di-n-propyla...	9.165	70	52272	38.471	ng	98
20) 3+4-Methylphenols	9.135	107	71541	41.726	ng	97
22) Acetophenone	9.194	105	91141	38.814	ng	# 96
24) Nitrobenzene	9.588	77	73669	37.339	ng	95
25) Isophorone	10.105	82	144926	38.235	ng	100
26) 2-Nitrophenol	10.304	139	32886	43.546	ng	98
27) 2,4-Dimethylphenol	10.346	122	55453	41.934	ng	99
28) bis(2-Chloroethoxy)met...	10.575	93	74343	39.150	ng	98
29) 2,4-Dichlorophenol	10.845	162	60167	42.898	ng	94
30) 1,2,4-Trichlorobenzene	11.056	180	66053	40.831	ng	97
31) Naphthalene	11.250	128	176698	40.286	ng	99
32) Benzoic acid	10.492	122	30003	40.196	ng	97
33) 4-Chloroaniline	11.356	127	81876	41.568	ng	97
34) Hexachlorobutadiene	11.520	225	48152	40.115	ng	99
35) Caprolactam	12.131	113	20134	42.025	ng	94
36) 4-Chloro-3-methylphenol	12.455	107	67832	42.558	ng	98
37) 2-Methylnaphthalene	12.830	142	143963	41.746	ng	95
38) 1-Methylnaphthalene	13.048	142	134341	41.330	ng	98
40) 1,2,4,5-Tetrachloroben...	13.189	216	95068	40.797	ng	99
41) Hexachlorocyclopentadiene	13.159	237	42843	41.535	ng	98
43) 2,4,6-Trichlorophenol	13.424	196	60164	42.379	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	71778	42.982	ng	98
46) 1,1'-Biphenyl	13.812	154	195933	40.227	ng	98
47) 2-Chloronaphthalene	13.870	162	146404	40.421	ng	100
48) 2-Nitroaniline	14.064	65	49850	40.478	ng	95
49) Acenaphthylene	14.704	152	239366	40.679	ng	99
50) Dimethylphthalate	14.417	163	208570	38.668	ng	99
51) 2,6-Dinitrotoluene	14.546	165	46315	42.055	ng	88
52) Acenaphthene	15.045	154	147888	40.220	ng	100
53) 3-Nitroaniline	14.881	138	44291	40.144	ng	91
54) 2,4-Dinitrophenol	15.098	184	28563	44.223	ng	96
55) Dibenzofuran	15.374	168	250010	40.468	ng	97
56) 4-Nitrophenol	15.186	139	30109	41.032	ng	# 86
57) 2,4-Dinitrotoluene	15.333	165	65930	41.888	ng	91
58) Fluorene	16.020	166	204676	40.221	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.603	232	63970	42.252	ng	99
60) Diethylphthalate	15.756	149	210254	38.383	ng	99
61) 4-Chlorophenyl-phenyle...	15.997	204	123362	40.241	ng	97
62) 4-Nitroaniline	16.044	138	45153	40.567	ng	93
63) Azobenzene	16.291	77	196012	37.087	ng	97
65) 4,6-Dinitro-2-methylph...	16.103	198	43379	45.009	ng	96
66) n-Nitrosodiphenylamine	16.214	169	179744	40.997	ng	98
67) 4-Bromophenyl-phenylether	16.890	248	80992	41.100	ng	98
68) Hexachlorobenzene	17.025	284	82275	42.963	ng	97
69) Atrazine	17.142	200	69121	41.328	ng	98
70) Pentachlorophenol	17.371	266	47109	42.685	ng	97
71) Phenanthrene	17.759	178	334476	40.436	ng	99
72) Anthracene	17.853	178	343780	40.504	ng	98
73) Carbazole	18.117	167	288564	40.385	ng	99
74) Di-n-butylphthalate	18.634	149	342280	41.634	ng	98
75) Fluoranthene	19.751	202	399594	38.841	ng	99
77) Benzidine	19.915	184	125825	42.606	ng	99
78) Pyrene	20.109	202	397878	41.450	ng	99
80) Butylbenzylphthalate	20.961	149	140267	46.054	ng	96
81) Benzo(a)anthracene	22.006	228	382249	40.615	ng	99
82) 3,3'-Dichlorobenzidine	21.901	252	125670	41.688	ng	98
83) Chrysene	22.077	228	357673	40.391	ng	99
84) Bis(2-ethylhexyl)phtha...	21.848	149	199460	44.262	ng	100
85) Di-n-octyl phthalate	23.140	149	331344	44.105	ng	97
87) Indeno(1,2,3-cd)pyrene	29.584	276	411962	40.175	ng	# 96
88) Benzo(b)fluoranthene	24.409	252	361157	39.268	ng	98
89) Benzo(k)fluoranthene	24.485	252	365115	39.066	ng	99
90) Benzo(a)pyrene	25.366	252	354541	39.457	ng	96
91) Dibenzo(a,h)anthracene	29.637	278	346768	40.607	ng	98
92) Benzo(g,h,i)perylene	30.865	276	336540	40.361	ng	99

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

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