

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056991.D
 Acq On : 5 Apr 2023 15:09
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 06 01:59:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	15379	20.000	ng	0.00
21) Naphthalene-d8	11.263	136	65118	20.000	ng	0.00
39) Acenaphthene-d10	15.034	164	51780	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	118956	20.000	ng	0.00
76) Chrysene-d12	22.095	240	93994	20.000	ng	# 0.00
86) Perylene-d12	25.632	264	100795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	72952	75.919	ng	0.00
7) Phenol-d6	7.544	99	115926	80.662	ng	0.00
23) Nitrobenzene-d5	9.595	82	122984	77.278	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	67404	81.484	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	302518	79.223	ng	0.00
79) Terphenyl-d14	20.339	244	486193	87.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.732	88	13521	32.098	ng	98
3) Pyridine	4.155	79	49096	36.187	ng	97
4) n-Nitrosodimethylamine	4.061	42	22896	36.705	ng	94
6) Aniline	7.726	93	72686	39.562	ng	98
8) 2-Chlorophenol	7.973	128	38218	39.930	ng	93
9) Benzaldehyde	7.539	77	34206	37.946	ng	92
10) Phenol	7.574	94	56675	39.798	ng	95
11) bis(2-Chloroethyl)ether	7.815	93	39820	39.255	ng	94
12) 1,3-Dichlorobenzene	8.308	146	42365	40.058	ng	100
13) 1,4-Dichlorobenzene	8.455	146	43255	40.524	ng	96
14) 1,2-Dichlorobenzene	8.778	146	41521	40.264	ng	89
15) Benzyl Alcohol	8.649	79	49119	41.132	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.937	45	49385	40.396	ng	99
17) 2-Methylphenol	8.849	107	43448	42.765	ng	89
18) Hexachloroethane	9.518	117	14321	36.708	ng	# 79
19) n-Nitroso-di-n-propyla...	9.219	70	41902	40.762	ng	# 91
20) 3+4-Methylphenols	9.177	107	59195	41.667	ng	99
22) Acetophenone	9.248	105	74460	38.428	ng	# 95
24) Nitrobenzene	9.642	77	62621	38.487	ng	98
25) Isophorone	10.159	82	117875	38.896	ng	98
26) 2-Nitrophenol	10.358	139	25742	40.989	ng	96
27) 2,4-Dimethylphenol	10.399	122	44525	40.154	ng	96
28) bis(2-Chloroethoxy)met...	10.634	93	57646	37.995	ng	96
29) 2,4-Dichlorophenol	10.893	162	45828	38.430	ng	96
30) 1,2,4-Trichlorobenzene	11.116	180	48959	38.639	ng	92
31) Naphthalene	11.310	128	139756	39.375	ng	98
32) Benzoic acid	10.529	122	30366	39.867	ng	95
33) 4-Chloroaniline	11.404	127	64210	40.055	ng	97
34) Hexachlorobutadiene	11.586	225	37314	39.203	ng	93
35) Caprolactam	12.179	113	15904	38.672	ng	# 90
36) 4-Chloro-3-methylphenol	12.497	107	52249	39.178	ng	96
37) 2-Methylnaphthalene	12.884	142	111484	39.575	ng	99
38) 1-Methylnaphthalene	13.102	142	103543	39.144	ng	99
40) 1,2,4,5-Tetrachloroben...	13.243	216	69946	38.954	ng	99
41) Hexachlorocyclopentadiene	13.219	237	41119	41.563	ng	93
43) 2,4,6-Trichlorophenol	13.472	196	43889	38.303	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	53302	39.267	ng	97
46) 1,1'-Biphenyl	13.865	154	151096	39.862	ng	99
47) 2-Chloronaphthalene	13.918	162	110027	39.248	ng	94
48) 2-Nitroaniline	14.112	65	40310	40.213	ng	94
49) Acenaphthylene	14.758	152	184645	40.088	ng	99
50) Dimethylphthalate	14.464	163	160019	39.221	ng	99
51) 2,6-Dinitrotoluene	14.594	165	34637	39.293	ng	97
52) Acenaphthene	15.093	154	126797	39.915	ng	99
53) 3-Nitroaniline	14.929	138	32993	37.813	ng	99
54) 2,4-Dinitrophenol	15.128	184	21234	42.796	ng	# 86
55) Dibenzofuran	15.428	168	190350	39.924	ng	98
56) 4-Nitrophenol	15.216	139	25080	38.871	ng	89
57) 2,4-Dinitrotoluene	15.375	165	49223	39.592	ng	95
58) Fluorene	16.068	166	154076	39.053	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.645	232	47428	38.374	ng	# 99
60) Diethylphthalate	15.810	149	158742	38.812	ng	97
61) 4-Chlorophenyl-phenyle...	16.051	204	91645	39.563	ng	99
62) 4-Nitroaniline	16.080	138	35643	39.428	ng	96
63) Azobenzene	16.344	77	157817	38.718	ng	100
65) 4,6-Dinitro-2-methylph...	16.139	198	33130	45.985	ng	93
66) n-Nitrosodiphenylamine	16.262	169	133042	41.663	ng	99
67) 4-Bromophenyl-phenylether	16.943	248	59621	40.507	ng	97
68) Hexachlorobenzene	17.079	284	60582	41.632	ng	99
69) Atrazine	17.196	200	53002	39.985	ng	99
70) Pentachlorophenol	17.413	266	40138	38.448	ng	95
71) Phenanthrene	17.813	178	245388	40.460	ng	99
72) Anthracene	17.901	178	253588	40.787	ng	99
73) Carbazole	18.165	167	211930	39.096	ng	96
74) Di-n-butylphthalate	18.688	149	247435	39.419	ng	99
75) Fluoranthene	19.798	202	283366	36.857	ng	100
77) Benzidine	19.963	184	100522	39.126	ng	100
78) Pyrene	20.157	202	279020	42.919	ng	96
80) Butylbenzylphthalate	21.014	149	94241	42.126	ng	99
81) Benzo(a)anthracene	22.072	228	262562	40.367	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	89391	40.699	ng	98
83) Chrysene	22.142	228	245056	40.238	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	132557	40.919	ng	99
85) Di-n-octyl phthalate	23.241	149	219034	40.123	ng	100
87) Indeno(1,2,3-cd)pyrene	29.738	276	297833	39.982	ng	# 96
88) Benzo(b)fluoranthene	24.504	252	253175	40.167	ng	99
89) Benzo(k)fluoranthene	24.574	252	252931	40.196	ng	99
90) Benzo(a)pyrene	25.467	252	245146	39.580	ng	98
91) Dibenzo(a,h)anthracene	29.808	278	246445	40.248	ng	98
92) Benzo(g,h,i)perylene	31.030	276	242236	40.401	ng	96

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

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