

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057512.D
 Acq On : 23 May 2023 9:45
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 23 10:19:07 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	8.362	152	20202	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	80896	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	61494	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	150587	20.000	ng	0.00
76) Chrysene-d12	22.020	240	128022	20.000	ng	0.00
86) Perylene-d12	25.515	264	139745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.877	112	93599	79.255	ng	0.00
7) Phenol-d6	7.505	99	147817	82.424	ng	0.00
23) Nitrobenzene-d5	9.543	82	148874	77.239	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	75558	86.596	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	374838	82.094	ng	0.00
79) Terphenyl-d14	20.281	244	626278	79.833	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.674	88	18546	37.980	ng	94
3) Pyridine	4.103	79	57768	36.812	ng	95
4) n-Nitrosodimethylamine	4.009	42	24493	33.213	ng	81
6) Aniline	7.669	93	89149	39.186	ng	98
8) 2-Chlorophenol	7.922	128	51323	41.127	ng	98
9) Benzaldehyde	7.487	77	35636	36.934	ng	99
10) Phenol	7.528	94	71501	40.900	ng	97
11) bis(2-Chloroethyl)ether	7.757	93	52160	39.567	ng	96
12) 1,3-Dichlorobenzene	8.245	146	55125	40.024	ng	97
13) 1,4-Dichlorobenzene	8.397	146	56732	41.007	ng	96
14) 1,2-Dichlorobenzene	8.721	146	54293	40.652	ng	96
15) Benzyl Alcohol	8.597	79	58400	39.089	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.879	45	62210	37.441	ng	99
17) 2-Methylphenol	8.797	107	50819	40.326	ng	98
18) Hexachloroethane	9.455	117	19961	39.981	ng	97
19) n-Nitroso-di-n-propyla...	9.161	70	50937	37.249	ng	97
20) 3+4-Methylphenols	9.126	107	72570	42.056	ng	93
22) Acetophenone	9.190	105	89744	38.760	ng	# 94
24) Nitrobenzene	9.584	77	73689	37.878	ng	93
25) Isophorone	10.101	82	138901	37.164	ng	98
26) 2-Nitrophenol	10.301	139	33035	44.363	ng	94
27) 2,4-Dimethylphenol	10.342	122	53939	41.367	ng	94
28) bis(2-Chloroethoxy)met...	10.571	93	72293	38.610	ng	98
29) 2,4-Dichlorophenol	10.841	162	59867	43.289	ng	96
30) 1,2,4-Trichlorobenzene	11.053	180	63567	39.851	ng	96
31) Naphthalene	11.247	128	177037	40.935	ng	98
32) Benzoic acid	10.495	122	30286	41.038	ng	84
33) 4-Chloroaniline	11.346	127	79170	40.763	ng	97
34) Hexachlorobutadiene	11.517	225	47037	39.741	ng	97
35) Caprolactam	12.122	113	19249	40.747	ng	91
36) 4-Chloro-3-methylphenol	12.451	107	66286	42.177	ng	98
37) 2-Methylnaphthalene	12.827	142	139948	41.157	ng	96
38) 1-Methylnaphthalene	13.044	142	130151	40.609	ng	100
40) 1,2,4,5-Tetrachloroben...	13.185	216	91108	41.733	ng	99
41) Hexachlorocyclopentadiene	13.162	237	34584	36.659	ng	97
43) 2,4,6-Trichlorophenol	13.420	196	56792	42.700	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.502	196	62903	40.207	ng	98
46) 1,1'-Biphenyl	13.814	154	187606	41.114	ng	95
47) 2-Chloronaphthalene	13.867	162	139726	41.178	ng	100
48) 2-Nitroaniline	14.060	65	45793	39.690	ng	85
49) Acenaphthylene	14.701	152	229350	41.604	ng	99
50) Dimethylphthalate	14.413	163	195826	38.752	ng	98
51) 2,6-Dinitrotoluene	14.542	165	42897	41.577	ng	87
52) Acenaphthene	15.036	154	139696	40.553	ng	99
53) 3-Nitroaniline	14.877	138	42760	41.369	ng	# 88
54) 2,4-Dinitrophenol	15.094	184	27816	45.775	ng	95
55) Dibenzofuran	15.370	168	235702	40.724	ng	96
56) 4-Nitrophenol	15.188	139	26456	38.483	ng	# 84
57) 2,4-Dinitrotoluene	15.329	165	61544	41.737	ng	95
58) Fluorene	16.017	166	190839	40.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.594	232	57619	40.623	ng	# 99
60) Diethylphthalate	15.752	149	198155	38.613	ng	98
61) 4-Chlorophenyl-phenyle...	15.993	204	113589	39.550	ng	99
62) 4-Nitroaniline	16.040	138	42750	40.997	ng	86
63) Azobenzene	16.287	77	183381	37.036	ng	95
65) 4,6-Dinitro-2-methylph...	16.099	198	39636	44.086	ng	95
66) n-Nitrosodiphenylamine	16.210	169	166994	40.830	ng	100
67) 4-Bromophenyl-phenylether	16.886	248	75931	41.305	ng	100
68) Hexachlorobenzene	17.021	284	76193	42.652	ng	94
69) Atrazine	17.139	200	64985	41.652	ng	96
70) Pentachlorophenol	17.368	266	45678	44.368	ng	95
71) Phenanthrene	17.755	178	312059	40.441	ng	100
72) Anthracene	17.849	178	320209	40.442	ng	99
73) Carbazole	18.114	167	271829	40.781	ng	99
74) Di-n-butylphthalate	18.625	149	321400	41.908	ng	98
75) Fluoranthene	19.747	202	375734	39.151	ng	99
77) Benzidine	19.911	184	233865	81.711	ng	99
78) Pyrene	20.105	202	380456	40.897	ng	99
80) Butylbenzylphthalate	20.951	149	134388	45.529	ng	98
81) Benzo(a)anthracene	21.997	228	366902	40.225	ng	99
82) 3,3'-Dichlorobenzidine	21.897	252	121921	41.732	ng	98
83) Chrysene	22.073	228	347171	40.454	ng	99
84) Bis(2-ethylhexyl)phtha...	21.838	149	191759	43.908	ng	99
85) Di-n-octyl phthalate	23.130	149	314673	43.220	ng	97
87) Indeno(1,2,3-cd)pyrene	29.569	276	400333	39.307	ng	# 95
88) Benzo(b)fluoranthene	24.399	252	352401	38.577	ng	100
89) Benzo(k)fluoranthene	24.470	252	352307	37.953	ng	98
90) Benzo(a)pyrene	25.357	252	342272	38.352	ng	95
91) Dibenzo(a,h)anthracene	29.616	278	332941	39.253	ng	99
92) Benzo(g,h,i)perylene	30.844	276	324304	39.158	ng	98

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

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