

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051523\
 Data File : BG057436.D
 Acq On : 15 May 2023 17:35
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 16 02:15:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	19873	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	80243	20.000	ng	0.00
39) Acenaphthene-d10	14.980	164	60545	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	150465	20.000	ng	0.00
76) Chrysene-d12	22.030	240	135458	20.000	ng	# 0.00
86) Perylene-d12	25.537	264	145075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	94458	81.307	ng	0.00
7) Phenol-d6	7.502	99	144696	82.020	ng	0.00
23) Nitrobenzene-d5	9.541	82	146693	76.727	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	76218	88.722	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	374393	83.282	ng	0.00
79) Terphenyl-d14	20.285	244	647164	77.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.672	88	18416	38.338	ng	96
3) Pyridine	4.101	79	59085	38.275	ng	93
4) n-Nitrosodimethylamine	4.007	42	24965	34.413	ng	83
6) Aniline	7.673	93	87238	38.980	ng	97
8) 2-Chlorophenol	7.919	128	49484	40.310	ng	99
9) Benzaldehyde	7.485	77	34903	36.736	ng	94
10) Phenol	7.526	94	68628	39.906	ng	98
11) bis(2-Chloroethyl)ether	7.761	93	50243	38.744	ng	95
12) 1,3-Dichlorobenzene	8.248	146	54734	40.398	ng	98
13) 1,4-Dichlorobenzene	8.395	146	55944	41.107	ng	95
14) 1,2-Dichlorobenzene	8.724	146	52563	40.008	ng	95
15) Benzyl Alcohol	8.595	79	56766	38.625	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.877	45	59938	36.671	ng	98
17) 2-Methylphenol	8.800	107	49598	40.009	ng	97
18) Hexachloroethane	9.458	117	19394	39.489	ng	98
19) n-Nitroso-di-n-propyla...	9.159	70	49929	37.116	ng	99
20) 3+4-Methylphenols	9.129	107	69815	41.129	ng	97
22) Acetophenone	9.188	105	88362	38.474	ng	96
24) Nitrobenzene	9.582	77	72963	37.811	ng	94
25) Isophorone	10.105	82	134257	36.214	ng	99
26) 2-Nitrophenol	10.298	139	31333	42.420	ng	96
27) 2,4-Dimethylphenol	10.345	122	53062	41.026	ng	91
28) bis(2-Chloroethoxy)met...	10.575	93	70750	38.093	ng	99
29) 2,4-Dichlorophenol	10.839	162	57130	41.646	ng	98
30) 1,2,4-Trichlorobenzene	11.056	180	63951	40.418	ng	98
31) Naphthalene	11.250	128	170536	39.753	ng	98
32) Benzoic acid	10.498	122	28774	39.506	ng	96
33) 4-Chloroaniline	11.350	127	78189	40.586	ng	97
34) Hexachlorobutadiene	11.520	225	47341	40.323	ng	97
35) Caprolactam	12.125	113	18753	40.020	ng	96
36) 4-Chloro-3-methylphenol	12.448	107	64170	41.163	ng	95
37) 2-Methylnaphthalene	12.830	142	138480	41.057	ng	96
38) 1-Methylnaphthalene	13.048	142	129205	40.642	ng	99
40) 1,2,4,5-Tetrachloroben...	13.189	216	92280	42.933	ng	97
41) Hexachlorocyclopentadiene	13.159	237	39686	41.685	ng	100
43) 2,4,6-Trichlorophenol	13.424	196	56717	43.312	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	64690	41.997	ng	98
46) 1,1'-Biphenyl	13.817	154	186698	41.556	ng	97
47) 2-Chloronaphthalene	13.870	162	137795	41.245	ng	99
48) 2-Nitroaniline	14.064	65	46154	40.630	ng	99
49) Acenaphthylene	14.704	152	225362	41.521	ng	100
50) Dimethylphthalate	14.416	163	192121	38.615	ng	99
51) 2,6-Dinitrotoluene	14.546	165	44454	43.761	ng	# 87
52) Acenaphthene	15.045	154	138324	40.784	ng	99
53) 3-Nitroaniline	14.881	138	42196	41.463	ng	93
54) 2,4-Dinitrophenol	15.098	184	21507	37.003	ng	98
55) Dibenzofuran	15.374	168	235894	41.396	ng	98
56) 4-Nitrophenol	15.186	139	28424	41.994	ng	# 86
57) 2,4-Dinitrotoluene	15.333	165	60142	41.426	ng	# 95
58) Fluorene	16.020	166	192048	40.915	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.597	232	60499	43.322	ng	98
60) Diethylphthalate	15.762	149	196130	38.817	ng	97
61) 4-Chlorophenyl-phenyle...	15.997	204	113377	40.095	ng	96
62) 4-Nitroaniline	16.038	138	42229	41.132	ng	94
63) Azobenzene	16.290	77	180994	37.127	ng	97
65) 4,6-Dinitro-2-methylph...	16.102	198	39918	44.436	ng	95
66) n-Nitrosodiphenylamine	16.214	169	166371	40.711	ng	99
67) 4-Bromophenyl-phenylether	16.890	248	75928	41.337	ng	97
68) Hexachlorobenzene	17.025	284	76137	42.655	ng	97
69) Atrazine	17.142	200	64502	41.376	ng	97
70) Pentachlorophenol	17.371	266	41126	39.979	ng	97
71) Phenanthrene	17.759	178	309416	40.131	ng	99
72) Anthracene	17.853	178	318778	40.294	ng	99
73) Carbazole	18.117	167	268468	40.309	ng	98
74) Di-n-butylphthalate	18.634	149	314004	40.977	ng	99
75) Fluoranthene	19.750	202	385332	40.183	ng	100
77) Benzidine	19.915	184	133460	44.070	ng	97
78) Pyrene	20.115	202	386786	39.295	ng	99
80) Butylbenzylphthalate	20.961	149	135845	43.496	ng	99
81) Benzo(a)anthracene	22.006	228	384971	39.890	ng	100
82) 3,3'-Dichlorobenzidine	21.906	252	127114	41.121	ng	99
83) Chrysene	22.083	228	363391	40.019	ng	98
84) Bis(2-ethylhexyl)phtha...	21.853	149	196618	42.549	ng	98
85) Di-n-octyl phthalate	23.146	149	327216	42.475	ng	97
87) Indeno(1,2,3-cd)pyrene	29.596	276	428091	40.488	ng	# 95
88) Benzo(b)fluoranthene	24.409	252	378754	39.938	ng	98
89) Benzo(k)fluoranthene	24.485	252	370583	38.455	ng	100
90) Benzo(a)pyrene	25.372	252	361862	39.057	ng	96
91) Dibenzo(a,h)anthracene	29.649	278	354971	40.313	ng	99
92) Benzo(g,h,i)perylene	30.865	276	347672	40.438	ng	98

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

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