

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063986.D
 Acq On : 4 Feb 2025 9:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 04 10:17:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	60852	20.000	ng	0.00
21) Naphthalene-d8	10.661	136	254409	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	169139	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	370270	20.000	ng	0.00
76) Chrysene-d12	21.472	240	425044	20.000	ng	0.00
86) Perylene-d12	24.504	264	450881	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.462	112	309995	81.677	ng	0.00
7) Phenol-d6	7.036	99	422833	81.182	ng	0.00
23) Nitrobenzene-d5	9.028	82	356270	85.109	ng	0.00
42) 2,4,6-Tribromophenol	15.985	330	138011	77.615	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	893354	80.924	ng	0.00
79) Terphenyl-d14	19.862	244	1620252	79.611	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.393	88	68075	37.767	ng 96
3) Pyridine	3.775	79	193468	39.749	ng 98
4) n-Nitrosodimethylamine	3.693	42	109886	39.263	ng 97
6) Aniline	7.201	93	219693	39.360	ng 99
8) 2-Chlorophenol	7.442	128	161781	41.832	ng 96
9) Benzaldehyde	7.013	77	104259	36.667	ng 92
10) Phenol	7.066	94	220573	40.231	ng 99
11) bis(2-Chloroethyl)ether	7.301	93	171316	38.804	ng 96
12) 1,3-Dichlorobenzene	7.765	146	175668	38.172	ng 95
13) 1,4-Dichlorobenzene	7.912	146	179597	38.642	ng 99
14) 1,2-Dichlorobenzene	8.229	146	177426	39.830	ng 97
15) Benzyl Alcohol	8.111	79	155725	40.000	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.399	45	351421	39.529	ng 98
17) 2-Methylphenol	8.311	107	144754	40.823	ng 100
18) Hexachloroethane	8.958	117	62142	40.627	ng 95
19) n-Nitroso-di-n-propyla...	8.681	70	145440	40.323	ng 99
20) 3+4-Methylphenols	8.634	107	193134	40.883	ng 99
22) Acetophenone	8.693	105	287998	41.201	ng 98
24) Nitrobenzene	9.069	77	189536	39.874	ng 97
25) Isophorone	9.592	82	367282	40.474	ng 99
26) 2-Nitrophenol	9.774	139	41145	41.112	ng 99
27) 2,4-Dimethylphenol	9.839	122	109536	41.962	ng 95
28) bis(2-Chloroethoxy)met...	10.074	93	232346	40.239	ng 99
29) 2,4-Dichlorophenol	10.309	162	140718	39.295	ng 99
30) 1,2,4-Trichlorobenzene	10.526	180	171857	40.074	ng 99
31) Naphthalene	10.714	128	554590	40.660	ng 99
32) Benzoic acid	9.962	122	61472m	39.842	ng
33) 4-Chloroaniline	10.814	127	213802	40.911	ng 99
34) Hexachlorobutadiene	11.008	225	112928	41.350	ng 96
35) Caprolactam	11.572	113	51199	39.419	ng 90
36) 4-Chloro-3-methylphenol	11.936	107	182237	43.616	ng 99
37) 2-Methylnaphthalene	12.324	142	397334	41.803	ng 98
38) 1-Methylnaphthalene	12.542	142	384986	40.935	ng 98
40) 1,2,4,5-Tetrachloroben...	12.688	216	205803	41.261	ng 99
41) Hexachlorocyclopentadiene	12.677	237	56762	44.965	ng 96
43) 2,4,6-Trichlorophenol	12.923	196	111213	38.957	ng 92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.994	196	129622	40.020	ng	98
46) 1,1'-Biphenyl	13.335	154	520795	40.442	ng	99
47) 2-Chloronaphthalene	13.370	162	383853	40.896	ng	99
48) 2-Nitroaniline	13.570	65	96665	40.241	ng	96
49) Acenaphthylene	14.216	152	582160	39.931	ng	99
50) Dimethylphthalate	13.958	163	464461	41.416	ng	100
51) 2,6-Dinitrotoluene	14.069	165	83376	40.756	ng	97
52) Acenaphthene	14.563	154	388523	39.729	ng	98
53) 3-Nitroaniline	14.392	138	90543	37.708	ng	96
54) 2,4-Dinitrophenol	14.598	184	18841	40.270	ng	98
55) Dibenzofuran	14.898	168	628528	39.582	ng	99
56) 4-Nitrophenol	14.692	139	72077	38.161	ng	95
57) 2,4-Dinitrotoluene	14.851	165	107707	40.667	ng	97
58) Fluorene	15.544	166	482166	39.285	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.121	232	119308	38.619	ng	# 99
60) Diethylphthalate	15.327	149	498162	41.897	ng	99
61) 4-Chlorophenyl-phenyle...	15.544	204	239828	38.945	ng	96
62) 4-Nitroaniline	15.556	138	102464	39.393	ng	99
63) Azobenzene	15.838	77	548809	39.079	ng	99
65) 4,6-Dinitro-2-methylph...	15.614	198	33516	40.940	ng	97
66) n-Nitrosodiphenylamine	15.755	169	418034	40.720	ng	99
67) 4-Bromophenyl-phenylether	16.437	248	150404	40.810	ng	94
68) Hexachlorobenzene	16.549	284	174475	40.267	ng	97
69) Atrazine	16.707	200	145930	42.715	ng	99
70) Pentachlorophenol	16.889	266	91982	37.653	ng	97
71) Phenanthrene	17.283	178	787623	40.500	ng	100
72) Anthracene	17.371	178	792509	40.726	ng	99
73) Carbazole	17.636	167	745811	40.941	ng	99
74) Di-n-butylphthalate	18.217	149	866379	45.627	ng	100
75) Fluoranthene	19.293	202	977196	41.265	ng	99
77) Benzidine	19.475	184	375135	41.447	ng	99
78) Pyrene	19.651	202	1033537	39.388	ng	99
80) Butylbenzylphthalate	20.562	149	344889	38.840	ng	96
81) Benzo(a)anthracene	21.455	228	1078248	39.955	ng	99
82) 3,3'-Dichlorobenzidine	21.378	252	369687	43.988	ng	98
83) Chrysene	21.519	228	1080093	40.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.402	149	573753	39.883	ng	100
85) Di-n-octyl phthalate	22.559	149	910809	39.340	ng	98
87) Indeno(1,2,3-cd)pyrene	27.924	276	1193447	41.029	ng	99
88) Benzo(b)fluoranthene	23.552	252	1080436	40.694	ng	99
89) Benzo(k)fluoranthene	23.617	252	1099268	40.322	ng	99
90) Benzo(a)pyrene	24.363	252	966825	40.797	ng	99
91) Dibenzo(a,h)anthracene	27.988	278	1011478	41.181	ng	98
92) Benzo(g,h,i)perylene	28.987	276	1015861	40.970	ng	96

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

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